

## THE ROBERT B. BALTER COMPANY®

April 22, 2013

David E. Dise, Director Department of General Services Montgomery County, Maryland 101 Monroe Street, 9th Floor Rockville, MD 20850

Re: Response to KCE Report Dated March 15, 2013 Silver Spring Transit Center Project 8404 Colesville Road Silver Spring, Maryland 20910

Dear Mr. Dise:

The Robert B. Balter Company (Balter) has reviewed the report prepared by KCE Structural Engineers, PC (KCE) dated March 15, 2013 regarding the Silver Spring Transit Center. The conclusions made in the report as they relate to Balter are largely based on insufficient information, inappropriate speculation, and a lack of understanding of Balter's scope of services.

Pursuant to its contract with Montgomery County, Balter's job was to inspect and test certain portions of the construction work being performed, as defined by the Statement of Special Inspections, and to report any deficiencies observed. Balter was not the designer of the Project; the reviewer of the Contractor's shop drawings; or the Contractor's quality control consultant.

Balter did in fact do what it was contractually required to do. It performed the tests required by its contract; promptly reported construction deficiencies which it observed during the construction process to the appropriate parties and provided all required reports to the County officials.

When appropriate, Balter personnel did, in fact, raise concerns about construction not being in accordance with contract requirements and identified to Montgomery County, WMATA, Parsons Brinckerhoff (PB) and Foulger Pratt (FP) these non-compliant issues, At all times, Balter personnel performed its services in accordance with Industry Standards, its Contract and the Statement (Schedule) of Special Inspections.

In summary, Balter's services were provided as directed by Montgomery County and as agreed to by WMATA, and in accordance with the requirements as defined in the project documents, including the project specifications and the Schedule of Special Inspections. All concrete testing in the field by Balter was performed by its certified technicians.

Concrete samples were transported in accordance with industry standards and tested by Balter's nationally accredited laboratory staffed with certified lab technicians.

Listed below are comments addressing selected text (in italics and quotes) from KCE's report. This letter does not address every one of the erroneous conclusions set forth in the KCE report. Rather, it addresses a representative sample of such conclusions. As supporting information for our responses, the Appendix includes a three-month sample, covering December 2010-February 2011, of the documents provided by Balter.

Page 5. "The inspection efforts performed during construction on the Project were not per the Contract Document requirements..."

Balter's testing and inspection services were in fact performed in accordance with the Contract Documents and the Schedule of Special Inspections. Balter's services were performed under the continuous scrutiny of, and in coordination with representatives from Montgomery County and WMATA.

Page 6. "Pour Strip Slabs. The East and West Pour Strips on Level 330 were constructed without post tensioning. In addition, the pour strips at the West end of the facility at Level 330 was constructed without reinforcing steel to control temperature and shrinkage forces."

The structural drawings indicate that post tensioning and mild steel detailing for the Pour Strips shall be approved by the designer and shall be the responsibility of the post tensioning contractor. The contractor submitted shop drawings to the designer, PB. Those shop drawings were approved by PB and presumably contained all necessary engineering comments and requirements. Balter was neither the designer nor was it hired to review and approve shop drawings. Balter utilized both Faccina's and FP's shop drawings during the pour slab inspections. The work was to be performed in accordance with the approved shop drawings. Any discrepancies between the work and the approved shop drawings were commented on by Balter. The items complained about by KCE were not reflected in the approved shop drawings. Balter was not responsible for any omissions in the shop drawings.

### Page 11. "Our team initially also included:

- American Petrographic Services, Inc. (APS) concrete and grout materials testing
- RJ Lee Group (RJ Lee) concrete material testing to calibrate the Service Life Model
- Rice Associates, Inc. (Rice) three-dimensional scans and survey of the elevated slabs

### We then added:

- The Erlin Company (TEC) concrete materials testing
- *Universal Construction Testing Limited (UCT) concrete materials testing:*

 Janney Technical Center (JTC) (WJE) – concrete materials testing and statistical evaluation (note: enclosed JTC petrographic and compressive reports are on WJE stationery)

KCE has noted the entities who performed the tests reflected in its Report. In order to have a reasonable degree of confidence in the test results, testing agencies performing tests and analyses on the concrete samples should have been accredited to perform these services. The firms listed above were utilized by KCE to test the concrete samples, but not all of the KCE utilized firms were accredited to perform these tests.

Page 16. The Contract Documents also require that stressing of 50% of the posttensioning be accomplished within 96 hours of a pour. We can find no information in the RBB reports to determine if those limitations were followed.

This statement in the second sentence is grossly misleading, and appears to suggest that the contractor utilized incorrect construction methods based solely on the faulty logic of "We can find no information". Balter was not required to document every instance when the contractor properly performed work. Rather, Balter's personnel were to document non-compliances observed by Balter field personnel. Project conditions which complied with the project requirements were not routinely reported. Thus, the proper inference from the fact that "we can find no information" should not have been that the work was improperly performed, but rather that it was properly performed without noted deviations. The stressing program was followed and any observed deviations from the stressing program would have been noted on a non-compliance notice sent to and approved by PB.

Page 16. "Although another 8,000 psi concrete mix (8k2DC4NL) was submitted, we cannot find reference in RBB reports as to where it was placed."

Multiple mix designs were submitted by the supplier for this project, and most were not used. The concrete mix used for each pour was included on each of Balter's compressive strength test reports for every set sampled. Concrete tickets, field data, etc. were distributed to Montgomery County, WMATA and FP during construction.

It is our present understanding that the concrete mix actually used for the slabs and columns (8K2DC2NL) and approved by PB, was not supported by any historical or trial batch compressive strength data. Instead, Rockville submitted historical data for a different mix design (8K25NL). The submitted data indicated a very high compressive strength of 12,360 psi, but it was for a mix that excluded a DCI-S corrosion inhibitor (part of the approved mix). The extent to which this is significant is unknown and beyond Balter's contractual responsibility.

Page 18. "Apparently not all of the RBB inspectors had the certificates required of them by the County... We have no information regarding the post-tensioning inspector's experience of PTI certifications required for inspectors."

This statement is completely erroneous. Balter's inspectors did have the required certifications. Concrete and Post Tensioning (PT) experience and certifications were submitted for each inspector who was subsequently confirmed by Montgomery County prior to the work. Applicable technician certifications are included in Appendix A.

Page 18. "There were numerous deficiency lists generated and referenced by RBB but we have found only three within the items provided."

We cannot understand why KCE could only find three deficiency lists, when in fact dozens of deficiency lists were prepared by Balter and included with each special inspection report, and submitted to Montgomery County, WMATA, PB and FP approximately every other week. These non-compliance lists evolved and were updated over time. In addition, lists of pre-pour non-compliances (punch lists) were utilized to address minor items prior to the concrete pours. The non-compliances on the pre-pour lists were resolved prior to each pour. The non-compliance lists associated with the representative 3-month period are included in Appendix B. The punch lists are included in the Pre-Pour Forms, which are included in Appendix C. Why KCE did not bother to request this information from Balter before issuing a report based on insufficient information is a mystery to Balter.

Page 19. "There are notations in the RBB reports of cold joints forming in the concrete as shown in jobsite photographs (Attachment 13) (i.e., concrete hardening not at a preplanned joint) without indications as to the resolution of those unplanned joints, only that stressing was delayed."

Conditions which may have resulted in the formation of cold joints were brought to the attention of the concrete contractor, Montgomery County, and FP. If a potential cold joint situation was observed, the contractor was informed and field procedures were typically modified to prevent cold joints. An example of one cold joint which was not prevented was on March 29, 2011. In this case, Balter observed a potential cold joint and notified FP and Montgomery County. The contractor chose to continue the pour. Montgomery County was notified and the issue was forwarded to PB. PB's resolution was to proceed with the stressing with caution.

Page 19. "We can find only one inspection report in those supplied with notation of formwork inspection required of RBB, and then without detail."

Again, we cannot understand why KCE could only find one report which addressed formwork inspection. As required, the concrete forms were inspected

by Balter. The forms were inspected to the degree they could be inspected, which included the formwork support system and the formwork around the perimeter of each pour. The thickness of the slab at points away from the perimeter could not be measured without survey equipment, which was the responsibility of the contractor. Formwork inspection is included as an item on the Post Tensioned Concrete Deck Inspection Report. This information was included in Balter's reports for each pour, all of which were distributed to Montgomery County, WMATA, PB and FP during construction. Regarding the level of detail reported, project conditions which complied with the project requirements were not routinely reported.

Page 19. "Despite project requirements, we can find no record of measurement of slab thickness, in situ clear cover determination, or of the deck finishing process in the RBB reports presented to us."

Balter's inspections during the preparation of the reinforced concrete pours were performed in accordance with the project requirements, including concrete clear cover measurements as measured in the field. The cover for the reinforcing steel and the tendons were field verified by measuring the distance from the bottom form to the top of the reinforcement. This information was included in Balter's reports and were also distributed to Montgomery County, WMATA, FP and PB during construction.

Page 19. "We can find only several notations in the RBB daily reports regarding the concrete curing process used as to methods and/or time, and only limited records of in situ concrete deck temperatures. Also, there are no notations as to above slab wind break installation."

Concrete protection during cold weather was inspected by Balter as indicated in its reports. Wind breaks were utilized when required. Concrete temperatures were typically monitored for two or three days after each pour using a high low thermometer. Project conditions which complied with the project requirements were not routinely reported. Non-compliances observed by field personnel were noted. This information was included in Balter's reports and was also distributed to Montgomery County, WMATA, FP and PB during construction.

Page 19. "We found no RBB inspection reports of the installation of the evaporation retarder called for or the curing compound called for, nor for any deck curing methods used in the non-winter months."

Project conditions which complied with the project requirements were not routinely reported.

Page 19. "There are several Project photographs that show workers using procedures that are not approved for winter concreting. Attachment 14 shows a worker spraying something, presumably an evaporation retarder or curing compound, on the concrete

slab while walking on it. Another photograph shows a worker using a Rosebud acetylene torch (Attachment 14A) in an apparent attempt to heat epoxy coated reinforcing before a pour. In a third photograph, a worker is apparently applying some type of deicer on the reinforcing steel."

There is no certainty of what activities are portrayed in these photographs. General Conclusions of the type made by KCE cannot appropriately be drawn from 3 isolated photos.

Page 20. "There apparently were also "companion" cylinders made. We do not know who tested the "companion" cylinders (we have no results). It is generally the concrete supplier who takes and tests them."

As directed by Montgomery County and as agreed to by WMATA, Balter cast sets of 6 "comparison" cylinders on the deck at the end of the concrete pump hose. The cylinders were then field cured on the deck (in a box to represent conditions of the slab under blankets) and then transported to the laboratory for compressive strength testing. The results were then forwarded to Montgomery County, WMATA, FP and PB. The term "companion" was used in the Schedule of Special Inspections to indicate the correlation between field cured and laboratory cured cylinders. Balter did not use the term "companion" to refer to the field cured cylinders.

Page 20. "We understand of the trucks to be tested (1 in 5), the first one that entered the site went directly to the RBB "testing" station at grade, while the next four went directly to the pump."

KCE failed to provide any basis for its "understanding" about the trucks. In fact, contrary to KCE's understanding, the concrete trucks did not go directly to the pump. Each truck was sent to the testing station, and its tickets checked to confirm the proper mix. The concrete was then observed by the Faccina QC representative for apparent slump. Balter recorded the amount of water added, if any, to the loads which were sampled. At the pump, Balter monitored the amount of water added to the loads which were not sampled, to observe that the amount added did not exceed the holdback amount.

Page 20. "Thereafter, one in five went to the testing station, and four went directly to the pump. Based on visual observations, we understand, RBB (possibly with the contractor present) determined if water needed to be added. (NB: It is not Industry Standard for the testing agency to determine if water is to be added or in what quantity. It is generally the concrete superintendent.)"

Again, KCE's understanding is incorrect. The Quality Control representative from Faccina was present during each pour and estimated the slump of each load. Balter would then confirm that the amount of water added did not exceed the allowed holdback amount for each load. The amount of water added to each load

sampled was recorded. The QC manager from Faccina directed the water to be added.

Page 20. "Then concrete from the truck being sampled was sampled for air content, slump measured, and cylinders taken (unclear if before or after water was added, if it was added at all). RBB also noted the ambient air temperature when each of 5 trucks was sampled. The tested truck then moved to the pump hopper and the concrete was then chuted into the hopper and pumped to the point of deposit."

Air content, slump and cylinders were sampled after any holdback water was added. The amount of water added to each load sampled was recorded. Balter did not direct the addition of water to the concrete. The inspections were performed in accordance with the Schedule of Special Inspections and the project specifications.

Page 20. "We understand that RBB was present at the location where other four trucks of the five truck set where the concrete was discharged into the pump and RBB visually determined (see notation above for Industry Standard) if and directed how much water could be added. We do not know if RBB took slumps to make that determination or actually noted the water withheld at the plant vs. that added or on what basis, if they in fact did so, RBB made the determination as to the amount of water that could be added."

This "understanding" is factually incorrect. Balter did not direct the addition of water to the concrete. The tickets were reviewed to confirm the holdback water quantity and to confirm that excess water was not added.

Page 20/21. "We understand all parties at some point in time agreed that on a random basis, 3 times per pour (once near the beginning, once in the middle, and once near the end of each pour), i.e., once every 20-30 (10) yard trucks, 3 additional cylinders (not known if a set or not) were to be taken at the point of discharge on the deck and left on an adjacent pour to be cured as the concrete being poured would be cured. There are notations in RBB reports that those cylinders were at times placed in a curing box."

As directed by Montgomery County and as agreed to by WMATA and PB at the pre-pour meeting, Balter cast sets of 6 "comparison" cylinders on the deck at the end of the concrete pump hose. The cylinders were then field cured on the deck (in a box to represent conditions of the slab under blankets) and then transported to the laboratory for compressive strength testing. The results were then forwarded to Montgomery County, WMATA, FP and PB. The term "companion" was used in the Schedule of Special Inspections to indicate the correlation between field cured and laboratory cured cylinders. Balter did not use the term "companion" to refer to the field cured cylinders.

Page 21. "RBB apparently did not test unit weight of the concrete."

Unit weight tests were not required in the project specifications or in the Schedule of Special Inspections.

Page 21. "RBB was to visit the concrete batch plant but we could find no reports of these visits in the information provided."

We cannot understand why KCE could "find no reports" of Balter's concrete batch plant inspection. Balter performed an inspection of the Lafarge concrete plant and distributed the report with the bi-weekly submittals to Montgomery County, WMATA, FP, and PB. The batch plant inspection report is included in Appendix D. As Montgomery County knows, Balter requested inspection of Rockville Fuel and Feed's plant several times, but authorization was never granted.

Page 21. "The water/cement ratio of the concrete is not noted by RBB on their daily field reports but at times, the reports indicate it was measured, which it cannot be, as it is a calculated value based on material quantities noted on the concrete batch tickets and we have been provided no such calculations."

The water/cement (w/c) ratio was recorded, not measured, from the supplier's tickets for each load sampled. The w/c ratio was also reported on the compressive strength test reports. Any water added to the loads sampled was also recorded and reported. Balter was not required to, and did not, calculate the w/c ratio for each load. The reported information was distributed to Montgomery County, WMATA, FP and PB.

Page 21. "Cylinders that were field cured (not known if cured on deck or at the testing station) are marked FC in RBB compression strength test reports, but we see no notation to differentiate deck cured vs. testing station cured."

Field-cured cylinders were stored either on the deck or onsite near the trailers as directed by Montgomery County and as agreed to by WMATA. To differentiate between the slab field cured and the ground field-cured cylinders, the cylinders which were stored on the deck (in a box to represent conditions of the slab under blankets) were noted as "comparison" on the compressive strength test reports. After field curing, the cylinders were transported to Balter's lab for compressive strength testing. The field storage location was agreed to by Montgomery County and WMATA.

Page 21. "The time from the beginning of mixing to the beginning of the offloading was not noted in the RBB reports (but 90 minutes is generally the maximum time allowed from batch mixing to concrete placement in non-hot weather conditions)."

The batch to discharge time was closely monitored to limit excessive mixing time. Montgomery County and WMATA allowed a deviation of 10 to 15 minutes to the time limitation (not in hot weather), provided the concrete did not appear to

change consistency. Loads which exceeded the allowed time were rejected. If the load time was in conformance with project requirements, it was not noted.

Page 21. "Truck delivery tickets were attached to only a few of the handwritten RBB reports we received, with an even more limited number of batch tickets attached to those reports, making evaluation of certain aspects of concrete material quantities and placement conditions difficult."

We cannot understand why KCE did not review the available tickets. The concrete supplier's tickets and batch information of the loads sampled were emailed daily by FP to Montgomery County, WMATA and Balter. Examples of the delivery and batch tickets for the 3 month sample time period are included in Appendix E.

Page 21. "Since only a few of the batch tickets (which showed the amount of water that could be added in the field) were attached to the field reports that we received, we cannot determine the quantity of water added as compared to what could be added within the approved mix parameter requirements."

KCE seems to have relied on its review of a "few" of the batch tickets. In fact, FP distributed by e-mail hundreds of batch tickets to Montgomery County, WMATA and Balter during the course of construction.

Page 21. "(We do note there was a notation in the RBB reports of the water gauge on truck(s) being broken at times.)"

As directed by Montgomery County and as agreed to by WMATA, trucks with broken water gauges were not allowed to return to the site.

Page 21. "The RBB reports did note in their daily reports when water was added to some of the one in five trucks they sampled, (we do not know if this was repeated on the next four trucks of the five as we have no reports of observation of those in what was provided). There is no way to determine if the amount of water added, if any, was acceptable without knowing the amount withheld, as there is no indication of the quantity of water withheld without batch tickets or added for many of the one in five trucks and for none of the 80% of the trucks beyond the ones actually tested."

Balter's inspectors were at the testing station and also at the concrete pump. The inspector at the pump monitored the amount of water added, if any, to observe that the amount added did not exceed the holdback amount. The holdback information was on each ticket, and the amount of water added was noted on the tickets for the loads sampled by Balter. These records have previously been distributed to Montgomery County, WMATA and FP.

Page 22. "In a limited number of their daily inspection reports, RBB indicated that water was added to the concrete in the truck, but there was, however, insufficient information

(i.e., batch tickets) provided to determine the amount of water withheld at the plant. If more water is added than the quantity withheld, the concrete as placed can be made substantially weaker than the mix design."

The holdback information was on each batch ticket, and the amount of water added was noted on the tickets for the loads sampled by Balter. The amount of water added to each unsampled load was not recorded if within project requirements. These records have previously been distributed to Montgomery County, WMATA and FP.

Page 22. "RBB also notes on their daily reports at times, wide variability in the amount of entrained air and at times note Fritz packs were thrown into the truck being tested (one in five) to add air.

Because testing was performed on only one of five trucks, there is no way to know what was added to or the cylinder strength for the other 80% of the concrete placed in a given pour regarding air or added water, and in fact, concrete strength."

The specified rate of testing was to test every 50 cubic yards of concrete, which is approximately 1 out of 5 trucks. When low air content was found, Fritz packs were added. Concrete loads with a low air content, as determined by our tests, were a rare occurrence. If the initial air content of a load was not within specification, the load was corrected if possible, and the subsequent 1 or 2 loads were tested to confirm that the air content was within specification. Loads with air contents out of specification were rejected.

In addition, a high level of quality assurance was provided with regard to the amount of water added, if any, to the concrete loads. Several layers of observation occurred during the large concrete pours, including Balter, the supplier, FP, Montgomery County, and WMATA. Balter monitored the amount of water added to the loads which were not sampled, to observe that the amount added did not exceed the holdback amount.

Balter was only required to test the concrete from approximately 20% of the trucks. If KCE is criticizing the fact that 80% of the concrete was not tested, that decision was not made by Balter.

Page 22. "However, it is interesting to note in the RBB concrete compressive cylinder break reports indicating the cylinder compressive strengths at the various testing dates, curing days 3, 7, 28, and limited cylinders held for 56 (aka 58), at times cylinders for testing at five days), the water/cement ratio is noted as being between 0.24-0.26, (0.28 is the theoretical minimum water/cement ratio that would be required for 100% cementitious material hydration) but there are several with 09.26 (which we believe is typographical error)."

The reported w/c ratio of 09.26 should read 0.26 (typographical error).

Page 22. "We believe the 0.24-0.26 number may have been an entered default number used in the compressive strength test results form preparation that should have been calculated for each cylinder set based on material quantities taken from batch tickets and after added water. The same range of number appears apparently regardless of whether or not water was added in the field when noted in RBB reports. (NB: the approved mix design had a water/cement ratio of 0.29.)"

KCE's belief that 0.24-0.26 was an entered default number is again incorrect. Balter's reports did not include a default w/c ratio. The w/c ratio was recorded from the supplier's tickets for each load sampled. In addition, the w/c ratio was also reported on the compressive strength test reports. Furthermore, any water added at the site was also recorded and reported. Balter was not required, and did not, calculate the w/c ratio for each load. KCE improperly assumed that the w/c ratio on the report was calculated by Balter instead of Balter only reporting a w/c ratio that was provided by the supplier. The reported information was distributed to Montgomery County, WMATA, FP and PB.

Page 22. 'We also believe the .24-.26 range is not consistent with the slumps as RBB reported, presumably after a high range water reducer was added per the approved mix design. In fact if the water/cement ratio was .24-.26, it is our opinion the concrete would have been very difficult to pump and even harder to finish and would not have permitted complete hydration to occur."

In fact, the w/c ratio was recorded from the information provided by the supplier and, the slump tests were performed correctly by certified technicians. In addition, Balter's services were done under the continuous scrutiny of, and in coordination with representatives from Montgomery County, WMATA, and the design team. Balter was not responsible for the mix design or approval of the mix design. There is no confirmation that the w/c ratio provided by the supplier is correct.

Page. 23. "The RBB daily reports indicate the concrete used for cylinders was taken for the most part from the concrete trucks prior to pumping and was not sampled from the deck at the pump discharge. In addition, testing reports are not clear as to whether water was added to the mix after the concrete sample was taken."

Based on Balter's observations, water was not added after the samples were obtained. Balter monitored the amount of water added to the loads to observe that the amount added did not exceed the holdback amount.

Page 23/24. "The actual amounts of water added to the mix at the time of construction and after the concrete was sampled are not known, except of limited trucks. As a result, concrete placed on the SSTC deck would have a differing water/cement ratio than that of concrete being used to make the concrete cylinders, and consequently, compressive strengths that would be lower than that of the cylinders."

The assumptions on which KCE bases its conclusion are incorrect and inaccurate. Based on Balter's observations, water was not added to the mix after sampling. Each truck was sent to the testing station, its tickets checked to confirm the proper mix. The concrete was then observed by the Faccina QC representative for apparent slump. Balter recorded the amount of water added to the loads which were sampled, if any, and also monitored the amount of water added to the loads which were not sampled, to observe that the amount added did not exceed the holdback amount. Sampling and testing were performed after any water was added to the load.

Page 24. "Construction records indicate that the contractor heated the slab from the level below, provided thermal breaks around the slab formwork below, and then placed plastic sheeting over the top of the slab with insulating blankets over the plastic sheeting. There is no record of wind breaks above the slabs."

As the specifications require, wind breaks were utilized at times when needed. Balter did not note the use of proper cold weather protection and did not note every other detail of construction which was properly constructed and in compliance with the project requirements.

Page 25. "A number of pours were started and continued when temperatures were less than 32F and as low as 15F, based on RBB reports.

Inspection records received indicate that concrete temperature on the deck was measured for several pours and only at day 3 by means of a thermometer placed on the top surface of the concrete slab (under the plastic sheeting). The internal temperature of the concrete was not monitored during placement based on the reports provided, or subsequent days before the temperature measurement on day 3."

A high-low thermometer was utilized on the concrete deck below the plastic and blankets for two or three days after pours in cold weather. The temperature of the loads sampled was also recorded. These records were distributed to Montgomery County, WMATA, FP and PB. Representative records are included in Appendix F. Monitoring the internal temperature of the concrete was not required by the project documents.

Page 25. ACI 306 also states that a structure with SSTC fs service category should be protected for 6 days when Type I or II cement is used, unless an additional 100 lbs/yd3 of cement is used in the mix, of which we have no record. In that case, protection can be removed after four days. Construction records indicate that plastic sheeting and insulation were removed from the structure after 3 days on one pour and an unknown time for other pours as reported in the information provided.

It is not known if the mix design incorporated enough cement to address this factor. Mix design approval was not Balter's responsibility.

The blankets were typically left on the deck for a week, and sometimes for several weeks. Blankets were sometimes removed if the ambient temperature was above the cold weather limits.

Page 27. "The RBB daily handwritten reports were followed by typed daily reports and then general monthly summaries.

The handwritten daily reports have numerous notations of deficiency lists of work to be corrected prior to concrete being poured, but we have seen only three in the information provided."

Some of the daily reports were handwritten, and other reports from different field technicians were typed. Contrary to KCE's assumption, the daily reports were not followed by typed daily reports.

We do not understand why KCE did not review the non-compliance lists which were included with each summary report and previously distributed. In addition, lists of temporary non-compliances (punch lists) were utilized to address minor items prior to the concrete pours. The non-compliances on these lists were resolved prior to each pour, and the list of resolved items was not included in Balter's daily reports. Representative deficiency lists are included in Appendix B.

Page 27. "Pour cards (i.e., "sign off" approvals were prepared and initialed by RBB and in some cases subcontractors) to indicate a deck was ready for a pour (we have only seen several of those reports in the information provided)."

Pre-pour forms were completed and submitted prior to each pour. These forms included:

- Field Observation Comments (used as one of the punch lists), which was compiled by PB and the completed items checked off by Balter and Faccina.
- The Post Tensioned Concrete Deck Inspection Report was prepared prior to each pour by Balter.
- The Pre-Pour Punch List prepared by Balter.

All non-compliances were corrected prior to each pour. These documents were distributed to Montgomery County, WMATA, FP and PB. Representative prepour records are included in Appendix C.

Page 27. "Tendon count forms were produced by RBB to verify the correct number of post-tensioning tendons had been installed correctly. However, we have only seen several of those reports in the information provided.

We understand the stressing elongation reports were submitted to PB for approval prior to cutting the post-tensioning tails and subsequent grouting, but we have only found limited reports of such approval in the information provided."

Tendon count forms and elongation reports were used and submitted for each PT inspection. The reported information was distributed to Montgomery County, WMATA, FP and PB. Representative tendon count forms are included in Appendix G.

Page 27. "Note: the use of cylinder test results to determine early concrete strength for stressing and formwork removal (where taken) may have indicated a strength where formwork stripping and stressing could occur but the cylinders may have recorded incorrect results for the reasons noted herein."

Balter disagrees with this conclusion, as it appears to be based on speculation and a lack of facts. The cylinders were prepared properly by Balter's certified technicians under the observation of several layers of quality control, including Mongtomery County and WMATA. The cylinders were prepared as specified and as directed by Montgomery County and as agreed to by WMATA. The cylinders were tested by Balter's accredited laboratory and results were reported correctly.

Page 39. "Table 2. Entrained Air Content: As-Built Per RBB field reports: 4%-6.5% but some as low as 2%"

Loads with air contents below the specified range were either corrected with Fritz Packs and retested for compliance, or were rejected. Loads with low air contents were rare at this project. Balter noted when Fritz packs were added. If the initial air content of a load was not within specification, the load was corrected or rejected, and the subsequent 1 or 2 loads were tested to confirm that the air content was within specification.

It is important to note the differences between field tests on fresh concrete for air content, and microscopic examination for air content. It is our present understanding that KCE's incorrect approach directly compares the air content (entrapped and entrained air) from our field testing to the entrained air as estimated by the petrographers. KCE failed to fully consider all aspects of the data and sample and test differences, with no consideration for the different characteristics in their report.

Page 40. "Table 3. Water/Cement Ratio: Per RBB Compressive Strength Test Results: 0.24-0.26"

The information presented in Table 3 seems to imply that the data should correlate. That inference is simply incorrect. It is misleading to compare the w/c ratio provided by the concrete supplier and the w/c ratio estimated by the

petrographers, as the w/c ratio provided by the supplier does not account for any holdback water which may have been added at the site. The w/c ratio was recorded from the supplier's tickets for each load sampled. The w/c ratio was also reported on the compressive strength test reports. Any water added at the site was also recorded and reported. Balter was not required to, and did not, calculate the w/c ratio for each load. There was no attempt by KCE to investigate or confirm if the information (w/c, water content, etc.) from the supplier was correct.

## Page 40. "Table 4. Slab Concrete Strength"

It is misleading to include the compressive strength testing resulting from Balter's concrete cylinders and the compressive strength testing resulting from concrete cores sampled from the structure. This information is provided in a way which suggests that the test results should be directly compared, which they should not.

It is our present understanding that the cores include micro-cracking, as reported in the KCE's petrographic reports. This may have been exacerbated during extensive handling and long distance shipping of the cores. Such cores would be expected to exhibit lower strength than the concrete cylinders, and should not be assumed to represent the true design strength of the concrete. However, KCE made no attempt to evaluate those circumstances.

Page 75. "2. The petrographic examinations of the concrete samples extracted from the deck yielded variable water/cement results depending on the location sampled. It is our opinion that the variability of the water/cement ratio is related to the addition of water to individual truck batches of concrete for workability during construction as described herein."

The water/cement ratio from the tickets was recorded and included on each compressive strength report, and the amount of water added at the site, if any, was also included on the compressive strength reports. These documents were distributed to Montgomery County, WMATA, FP and PB. In addition, each load of concrete was monitored to observe that any water added did not exceed the allowed holdback amount. If water within limits has created problems indicated, that responsibility does not lie within inspection and testing by Balter.

Page 75. "4. Water/Cement Ratio and Unhydrated Cementitious Material The water/cement ratio is substantially higher than the approved design mix and is indicative of water in the mix as delivered being added at the site see Table 18."

Balter disagrees with this conclusion, which appears to be based on incorrect assumptions, speculation and a lack of facts. KCE's conclusion that water must have been added at the site is unfounded. There was a high level of control of the amount of water added at the site. There was no confirmation that the water in the supplied concrete actually conformed to the design mix as reported on tickets provided by the supplier.

Each truck was sent to the testing station, and its tickets checked to confirm the proper mix. The concrete was then observed by the Faccina QC representative for apparent slump. Balter recorded the amount of water added to the loads which were sampled, if any, and also monitored the amount of water added to the loads which were not sampled, to confirm that the amount added did not exceed the holdback amount. Sampling and testing were performed after any water was added to the load.

KCE has also asserted that the presence of unhydrated materials (cement and slag) observed in some petrographic examinations indicates that the hydration reaction was arrested and not complete. They further speculate that this resulted from coldweather concrete placement and imply that poor protection caused the effect. However, as their own sub-consultant (The Erlin Company) points out, unhydrated materials are an anticipated consequence of low water/cement ratios in the concrete. Relying on this condition as an indication of poor cold weather procedures is another case of KCE's inaccurate and selective evaluation of the data.

Page 76. "The concrete cylinders after being molded, we are told, were stored in curing boxes, and therefore experienced a substantially different environment than the concrete in the slabs."

As directed by Montgomery County and agreed to by WMATA, the field-cured cylinders were either cast on the deck and stored on the deck (in a box to represent conditions of the slab under blankets), or were cast at the testing station and stored near the field trailers. If that created a different environment, which we don't expect, Balter was following the direction of Montgomery County.

Page 99. "The in situ conditions at SSTC have been caused in varying degrees by errors and omissions of the designer, PB (Parsons Brinckerhoff), the contractor, FP (Foulger-Pratt Contracting, LLC) and its subcontractors, and the inspection and materials testing firm and Special Inspections Program Special Inspector, RBB (The Robert B. Balter Company)."

Balter disagrees with this conclusion as it relates to its services. Balter's work was performed in accordance with the Schedule of Special Inspections and the project specifications. Balter's field work was performed by certified technicians; Balter's laboratory work was performed by certified lab technicians in Balter's nationally accredited laboratory.

Page 99. "B. Based on our review of the information provided, the independent inspectors, Special Inspections Program Special Inspector, Quality Assurance, Quality Control, etc., did not raise sufficient concern regarding the numerous issues that were known and/or became visible in the concrete during construction, apparently did not

follow up on solutions to those issues, and did not perform their services in accordance with Industry Standard, their Contract, or the Statement of Special Inspections."

Balter did perform in accordance with the referenced documents, and any observed deficiencies in the construction work performed by the Contractor and its subcontractors were promptly brought to the attention of Montgomery County and FP.

KCE's conclusions about Balter's performance of services are unfounded and without merit. KCE's apparent reliance upon incomplete information, KCE's reliance upon faulty assumptions and understandings instead of facts, KCE's failure to recognize the limits of Balter's responsibilities under applicable contracts and KCE's failure to request and receive critical information related to Balter's services all contributed to an incorrect assessment by KCE of Balter's work.

Balter looks forward to a positive resolution to the misleading and inaccurate facts and conclusions made by KCE in its report, and to working with the County's team to complete the Silver Spring Transit project.

Sincerely,

THE ROBERT B. BALTER COMPANY

doria Buter, Pres.

Lori A. Balter

President

### Appendices:

Appendix A - Applicable Technician Certifications

Appendix B - Deficiency and Non-Compliance Lists (December 2010 through February 2011)

Appendix C - Concrete Deck Pre-Pour Forms (December 2010 through February 2011)

Appendix D - Lafarge Concrete Plant Inspection Report

Appendix E - Concrete Delivery and Batch Tickets (December 2010 through February 2011)

Appendix F - Concrete Deck Temperature Records (December 2010 through February 2011)

Appendix G - Tendon Count Forms (December 2010 through February 2011)



## Awards

1.2 Continuing Education Units

to

## John J. Welk

For satisfactory completion of 12 hours of organized instruction in Level 1 Field Fundamentals for Unbonded Post-Tensioning

held at

McLean, VA September 18-19, 2010

Abrodie Meff

Theodore L. Neff,
Executive Director, Post-Tensioning Institute

## **Certification Directory Entry**

John J. Welk Dundalk, MD

Technologist ID:

Technician ID: 127725

Awarded

Expires

Construction Materials Testing

Concrete, Level: I

12/17/2009

01/01/2016

New Search

Search Results

## **ACI Certification Results Report** ACI Concrete Field Testing Technician - Grade I

### **Testing Session Information:**

Session: 122091

Exam Date: 08/15/2012

Exam Location: Crofton, MD

ACI Sponsoring Group: Maryland Chapter ACI Phone: (301) 694-4899 -

Mr Ron P Terrelonge

Examiner of Record: **Examinee Information** 

John J Welk

Certification ID

3414 Wallford Dr

Dundalk, MD 21222-2749

00139015

Status Information

Certification Status: CERTIFIED ACI Concrete Field Testing Technician - Grade I

Certification Issue Date:

08/15/2012 Thru 08/15/2017

### **ACI Comments:**

Congratulations! You are now Certified. This is an accomplishment you can be very proud of and we will be happy to confirm this credential to anyone upon request. Enclosed is your wallet card and certificate attesting this accomplishment. In addition, a directory of all ACI Certified individuals can be found at www.ACICertification.org.

### Required Results

Written Examination	PASS
Performance Overall	PASS

The Detailed Subtest Results section on next (back) page.





inspection Agencies and Public Building Officials

## Certificate of Qualification

## JOHN J. WELK

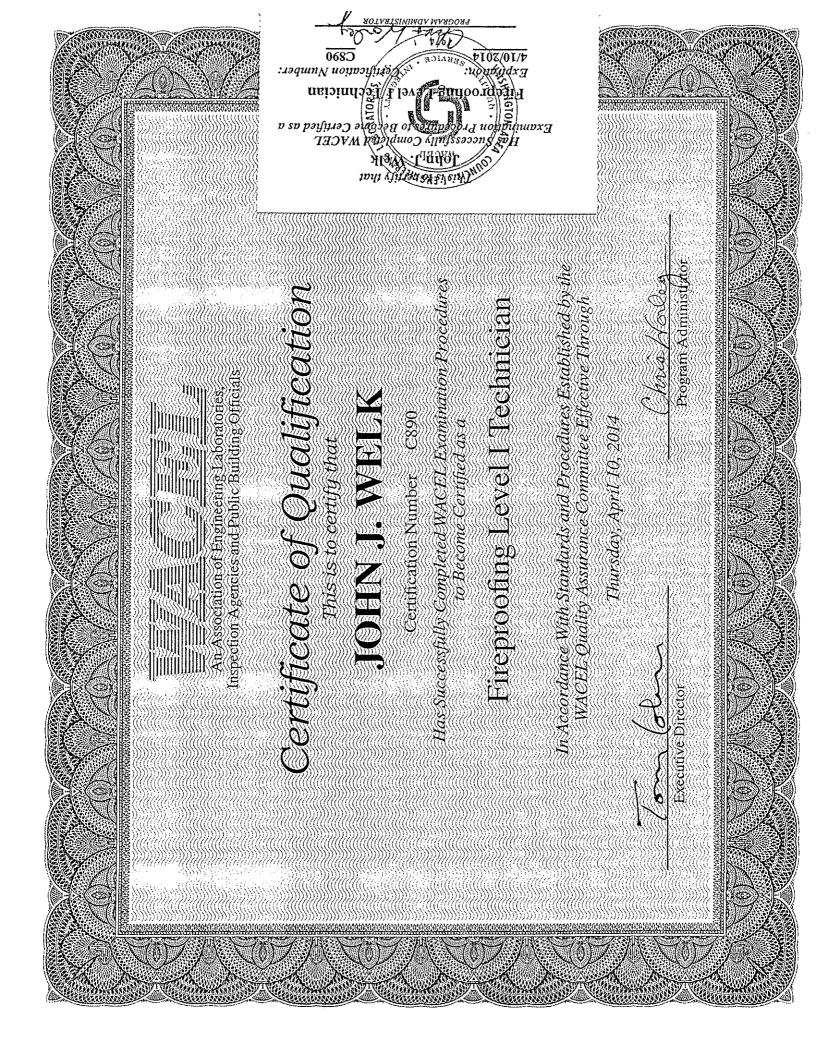
Certification Number 8492

Has Successfully Completed WACEL Examination Procedures to Become Certified as a

## Soils Levell Technician

In Accordance With Standards and Procedures Established by the NACEL Quality Assurance Committee Effective Through

Eriday, December 13, 2018



September 15, 2009

State Same

30 S. C.

JOHN WELK

Has successfully completed HAZMAT refresher training in accordance with policies set forth by the following rules and regulations governing portable nuclear moisture/density gauge transportation requirements: 49CFR 172 subpart H and IATA 1.5.2.

demonstrated a thorough understanding of all aspects needed for transportation, with specific emphasis placed on A closed book examination was administered and a passing score was achieved. The person listed above has portable nuclear density gauges.

Subjects included in this course include: Incident, labeling, marking, storage, security awareness, shipping, packaging, shipping documents and emergency procedures.

Record keeping in accordance with 49CFR 172.704(d). North East Technical Services, Inc., 75 Aileron Court, Suite 4, This certificate expires 3 years from the date issued for persons who use ground transportation (company or personal vehicle, trucking company) and expires in 2 years for persons shipping through Air transportation (FedEx) Westminster, MD 21157.

## Department of Transportation Oortification Department of Transportation Certificate of Qualification



## ANTHONY J. LORD

has successfully completed an examination administered by the Department on Quality Control and is thereby qualified in the areas listed below as a certified This is to certify that\_

## Recertification Date(s)

ANTHONY J. LORD

Certification	Date	Date Certification	Date
Asphalt Plant	er-anarassa.	Aggregate Plant	
Asphalt Field		Soils Compaction	2003
Asphalt Plant Mix Only		Pavement Markings	
Slurry Seaf Only		HCC Plant	
Surface Treatment Only		HCC Field	2003

## Technician

The bearer of this certificate is authorized to perform the duties of a Certified Technician in accordance with the Virginia Department of Transportation Specifications.

1st day of

STATE MATERIALS ENGINEER/



Mashington Area Council of Engineering Laboratories Gertificate of Qualification

This is to certify that

has successfully completed Washington Area Council of Engineering Laboratories Examination Procedures and is certified as a structura inspector

effective the 12TH day of FEBRUARY

. 1987.

Number 1682

Garrel . 12

Mashington Irea Council of Engineering Laboratories Certificate of Qualification

This is to certify that

ANTHONY J. LORD

has successfully completed Washington Area Council of Engineering Laboratories Examination Procedures and is certified as a

CONCRETE TECHNICIAN LEVEL II



Anthony F. Lord
Has Successfully Completed WACEL
Examination Procedures to Become Certified
as as a Concrete Level II Technician

Expiration:

Centification Number: 1675 1/27/2012

PROCHEMENTATION

Expiration:

Has Successfully Completed WACEL
Examination Proceedures to Become Certified
as a

Certification Number:



October 2, 2008

Mr. Anthony J. Lord The Robert B. Balter Co. P.O. Box 20004 Washington, DC 20041

Dear Mr. Lord:

We have received and graded your examination paper on the Eastern Region Laboratory Procedures Manual and are pleased to inform you that the paper met our requirements. We have now added your name to our new updated list of people familiar with the manual.

Thank you for your interest and effort in this matter. We are returning herewith the examination papers for your information.

As we have done in the past, this list of people familiar with the manual is made available to airport sponsors, their consultants, and contractors for use in selecting personnel for the required laboratory test work. As part of our responsibility in this area, we will be monitoring the test work done on all federally funded airport paving projects in our region and will be reviewing the work for compliance.

Sincerely,

A. Harvey DeGraw

Manager, Safety & Standards Branch

Attachment



# CERTIFICATE OF COMPLETION

This is to certify that

ANTHONY J. LORD

has successfully completed

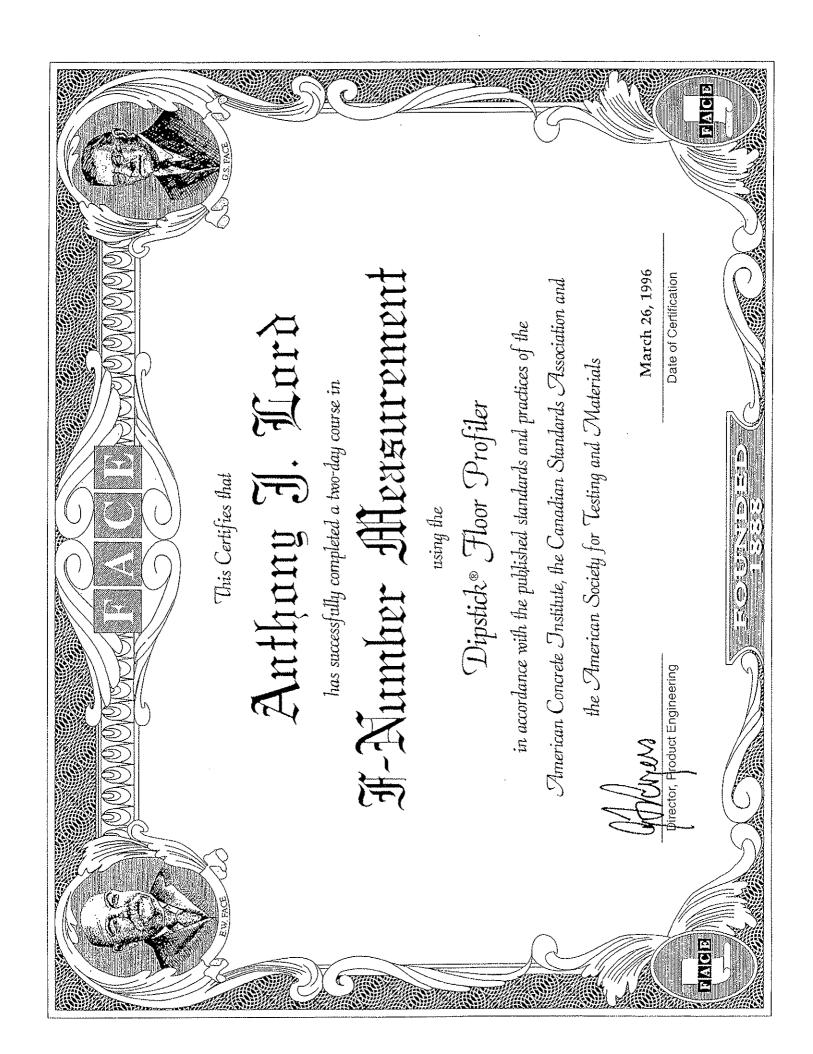
CONFINED SPACE OPERATIONS PROGRAM

<u>ر</u>

HAZMAT T.I.S.I.; COLUMBIA, MARYLAND

June 18 & 19, 1998 CSO-9806

of Executive Officer





Inspection Agencies and Public Building Officials

## Certificate of Qualification This is to certify that ANTHONY J. LORD

Certification Number 7261

Has Successfully Completed WACEL Examination Procedures to Become Certified as a

## Structural Inspector

In Accordance With Standards and Procedures Established by the WACEL Quality Assurance Committee Effective Through

Tuesday, May 1, 2012

Program Administrator

Executive Director



Inspection Agencies and Public Building Officials An Association of Engineering Laboratories,

## Certificate of Qualification This is to certify that

## ANTHONY J. LORD

Certification Number 1675

Has Successfully Completed WACEL Examination Procedures to Become Certified as a

## Concrete Level II Technician

In Accordance With Standards and Procedures Established by the WACEL Quality Assurance Committee Effective Through

Friday, January 27, 2012

Program Administrator

Executive Director



## NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES

sponsored by the National Society of Professional Engineers 1420 King Street, Alexandria, Virginia 22314-2794 1-888-IS-NICET • www.nicet.org

### APPROVAL LETTER

Name: Date of Award:

Certification Number: Certification Expire Date: Anthony J. Lord August 28, 2008

114665 10/01/2011

It is my pleasure to inform you that recertification has been granted as follows:

CONSTRUCTION MATERIALS TESTING/ASPHAUT/LEVEL II
CONSTRUCTION MATERIALS TESTING/SOILS/LEVEL II
CONSTRUCTION MATERIALS TESTING/CONCRETE/LEVEL II

You will find your new wallet card attached to the bottom of this letter. Also enclosed with this letter is your new certificate. You mew three-year period of certification is printed on both your wallet card and your certificate. You will need to accumulate another 90 continuing professional development points to continue your certification beyond this new expiration date.

Prior to removing the wallet card from this letter, we advise that you make a copy of the letter for your files as the complete letter may be required as proof of certification.

The interest you have shown in your career development by obtaining professional recognition and status through certification is most commendable. On behalf of the Board of Governors, please accept our congratulations and best wishes.

Very truly yours,

Michael A. Clark

Chief Operating Executive

remove card slowly

national institute for certification in engineering technologies'

Anthony J. Lord

ASPIIALT/II SOILS/II CONCRETE/II

Anthony J. Lord 432 Arbor Dr Glen Burnie, MD 21061

CERT NO. 114665 VALID THRU 10/01/2011



## AMERICAN CONCRETE INSTITUTE



This is to certify that

## ANTHONY J LORD

successfully completing the ACI certification requirements and is hereby recognized as an has demonstrated knowledge and ability by

ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Certified Date: 5/5/05

Expires: 5/5/10

Examiner of Record: Mr John R Wilson

ACI Managing Director of Certification

33 2 2

The Authenticity of this certification can be verified at www.ACICertification.org/Verify





### North East Technical Services, Inc.

Certifies that

### Anthony Sord

and a passing score was achieved. Subjects included in this course were as follows: Radiological Safety - principles and practices of Has successfully completed the required radiological safety training for use of nuclear moisture density gauge in accordance with completed training in accordance with policies set forth by the following rules and regulations governing Hazmat training for transportation and specific emphasis was placed on portable nuclear density gauges. A closed book examination was administered radiation protection, leak-testing procedures, measurement of radioactivity, biological effects of radiation, incident, storage, ALARA regulations set forth by the Maryland Department of the Environment and the Nuclear Regulatory Commission. Also has successfully requirements: 49CFR subpart H and IATA 1.5.2. Person listed above has demonstrated a thorough understanding of all aspects needed and emergency procedures.

Instructor – Jeffrey D. Castonguay

Date of Training: July 21, 2005

### **Certification Directory Entry**

Anthony J. LordGlen Burnie, MD

Technologist ID:

Technician ID: 114665

	Awarded	Expires
Construction Materials Testing		
Asphalt, Level: II	04/07/2006	10/01/2014
Concrete, Level: II	12/09/2005	10/01/2014
Soils, Level: II	04/07/2006	10/01/2014

| New Search | Search Results |



### Awards

1.2 Continuing Education Units

to

### Brian K. Flickinger

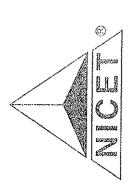
For satisfactory completion of 12 hours of organized instruction in Level 1 Field Fundamentals for Unbonded Post-Tensioning

held at

Atlanta, GA March 20-21, 2010

Theodore L. Neff,

Executive Director, Post-Tensioning Institute



### 

7 0 7 7 Providing Certification Programs Since

BE IT KNOWN THAT

### Brian K. Flickinger

IS HEREBY AWARDED CERTIFICATION AT

LEVEL III

IN CONSTRUCTION MATERIALS TESTING CONCRETE

BASED UPON SUCCESSFUL DEMONSTRATION OF REQUISITE KNOWLEDGE, EXPERIENCE AND WORK PERFORMANCE AS SET FORTH BY THIS INSTITUTE.

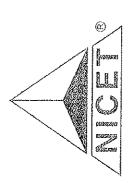
Certification Valid through July 1, 2012

CERTIFICATION NUMBER 117054

CHAIRMAN OF THE NICET BOARD OF GOVERNORS

Methu Ballet

A DIVISION OF THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS



### 

 $\bigcirc$ Providing Certification Programs Since

**BE IT KNOWN THAT** 

### Brian K. Flickinger

IS HEREBY AWARDED CERTIFICATION AT

LEVEL III

IN CONSTRUCTION MATERIALS TESTING SOILS

BASED UPON SUCCESSFUL DEMONSTRATION OF REQUISITE KNOWLEDGE, EXPERIENCE AND WORK PERFORMANCE AS SET FORTH BY THIS INSTITUTE.

Certification Valid through July 1, 2012

CERTIFICATION NUMBER 117054

CHAIRMAN OF THE NICET BOARD OF GOVERNORS

With B RellE

A DIVISION OF THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

HEREBY CERTIFIES THAT Brian K. Flickinger

HAS ATTAINED THE GRADE OF LEVEL II IN CONSTRUCTION MATERIALS TESTING ASPHALT AND RECOGNIZES THAT THROUGH EDUCATION, EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS MET THE STANDARDS SET FORTH BY THIS INSTITUTE Certification Valid through July 1, 2012

CERTIFICATION NUMBER 117054

CHAIRMAN OF THE BOARD OF GOVERNORS, NICET



### HEREBY CERTIFIES THAT Brian K. Flickinger

HAS ATTAINED THE GRADE OF

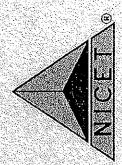
LEVEL II

IN TRANSPORTATION ENGINEERING TECHNOLOGY HIGHWAY MATERIALS

MET THE STANDARDS SET FORTH BY THIS INSTITUTE AND RECOGNIZES THAT THROUGH EDUCATION, EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS

Certification Valid through July 1, 2012

GERTIFICATION NUMBER 117054



HEREBY CERTIFIES THAT

Brian K. Flickinger

HAS ATTAINED THE GRADE OF

LEVELI

IN GEOTECHNICAL ENGINEERING TECHNOLOGY LABORATORY AND RECOGNIZES THAT THROUGH EDUCATION, EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS MET THE STANDARDS SET FORTH BY THIS INSTITUTE

Certification Valid through July 1, 2012

CERTIFICATION NUMBER 117054

CHAIRMAN OF THE BOARD OF GOVERNORS, NICET



HEREBY CERTIFIES THAT Brian K. Flickinger

HAS ATTAINED THE GRADE OF

IN GEOTECHNICAL ENGINEERING TECHNOLOGY CONSTRUCTION AND RECOGNIZES THAT THROUGH EDUCATION, EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS MET THE STANDARDS SET FORTH BY THIS INSTITUTE Certification Validating July 1, 2012

CERTIFICATION NUMBER 117054

The North

CHAIRMAN OF THE BOARD OF GOVERNORS, NICET

HEREBY CERTIFIES THAT.

Brian K. Flickinger

HAS ATTAINED THE GRADE OF LEVEL I

IN LAND MANAGEMENT & WATER CONTROL EROSION AND SEDIMENT CONTROL AND RECOGNIZES THAT THROUGH EDUCATION,
EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS
MET THE STANDARDS SET FORTH BY THIS INSTITUTE
Certification Valid through July 1, 2012

CERTIFICATION NUMBER 117054

They hi brughen

CHAIRMAN OF THE BOARD OF COVERNORS, NICEF

HEREBY CERTIFIES THAT
Brian K. Flickinger

HAS ATTAINED THE GRADE OF LEVEL I IN UNDERGROUND UTILITIES CONSTRUCTION WATER AND SEWER LINES

AND RECOGNIZES THAT THROUGH EDUCATION, EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS MET THE STANDARDS SET FORTH BY THIS INSTITUTE Certification Valid thisough July 1, 2012

CERTIFICATION NUMBER 117054

Mary Salar

CHAIRMAN OF THE BOARD OF GOVERNORS; NICET





HEREBY CERTIFIES THAT Brian K. Flickinger

HAS ATTAINED THE GRADE OF LEVEL 1

STORWWATER AND WASTEWATER SYSTEM INSPECTION (NATIONAL) IN UNDERGROUND UTILITIES CONSTRUCTION

AND RECOGNIZES THAT FHROUGH EDUCATION, EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS MET THE STANDARDS SET FORTH BY THIS INSTITUTE Certification Valid through July 1, 2012

CERTIFICATION NUMBER 117054

The I Sayer

RMAN OF THE BOARD OF GOVERNORS, NICET





## Certificate of Qualification This is to certify that BRIAN FLICKINGER

Certification Number E330

Has Successfully Completed WACEL Examination Procedures to Become Certified as a

# Structural Concrete (Masonry Inspector

In Accordance With Standards and Procedures Established by the WACEL Quality Assurance Committee Effective Through

Friday November 11, 2016.

Program Administi



### Awards

1.2 Continuing Education Units

to

### Tom Williams

For satisfactory completion of 12 hours of organized instruction in Level 1 Field Fundamentals for Unbonded Post-Tensioning

held at

McLean, VA September 18-19, 2010

Theodore L. Neff,

Executive Director, Post-Tensioning Institute



An Association of Engineering Eaboratones
Inspection Agencies and Public Building Officials

## Certificate of Otalification

This is to certify that

### BRADYPAYEN

Certification Number 12903

Has Successfully Completed WACEL Examination Procedures

# Structural Concrete Masonry Inspector

In Accordance With Standards and Procedures Established by The WACEL Quality Assurance Committee Effective Through

Puesday May 10, 2016

Executive Director

Thui Maley

Program Administrator

### BRADYPAYEN



# Sertificate of Qualification

### BRADYPAYEN

Certification Number 10871

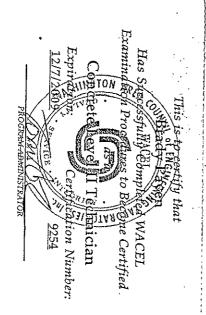
Has Successfully Completed WACEL Examination Procedures

## Concrete Level II Technician

In Accordance With Standards and Procedures Established by t WACEL Duality Assurance Committee Effective-Through

Thursday, April 28, 2016

Program Administrator





8601 N. Black Canyon Hwy #103 Phoenix, AZ 85021 (602) 870-7540 \*\* swww.post-tensioning.org

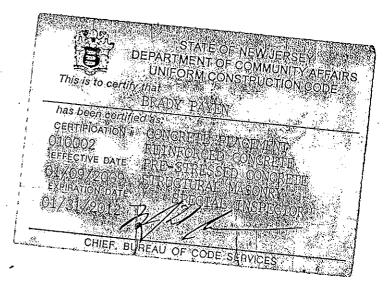
Brady Payen:

Certified Post-Tensioning Inspector \*Level 2 - Post-Tensioning Inspector

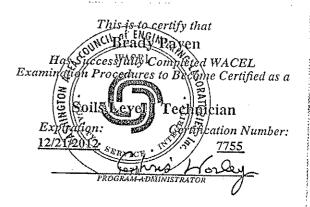
Training and Certification for Unbonded Post-Tensioning

021.60645 Expires: 6/

Expires: 6/23/2011



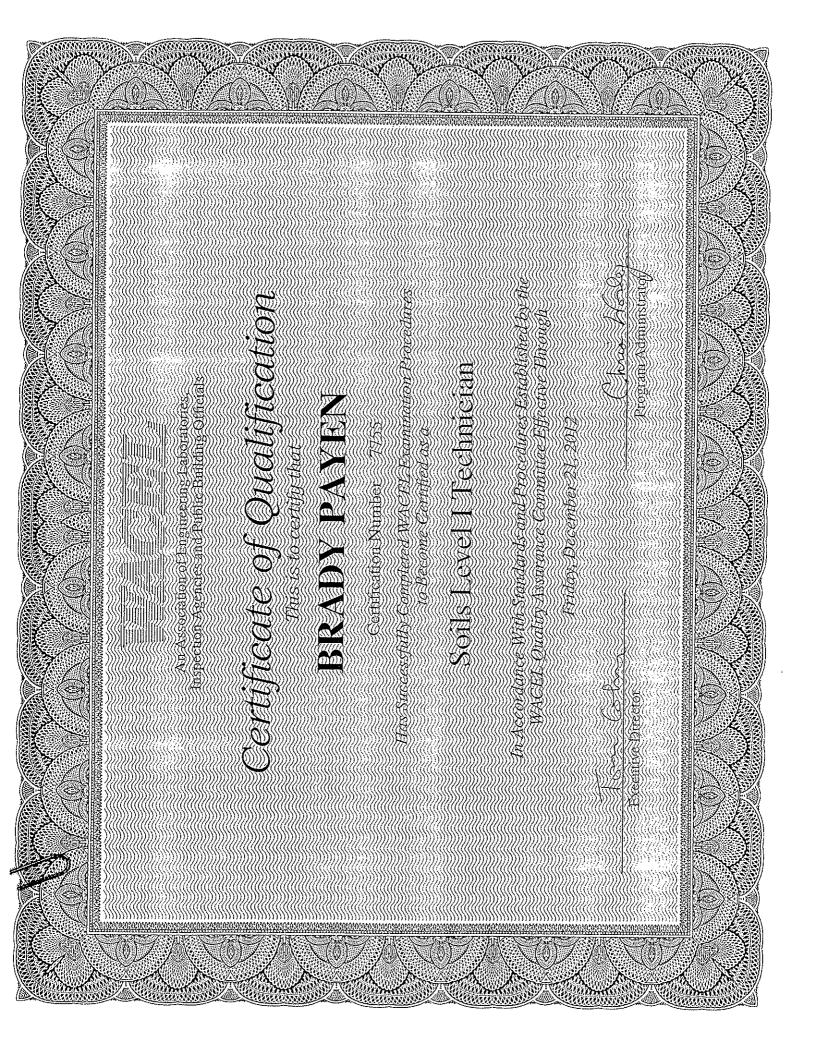


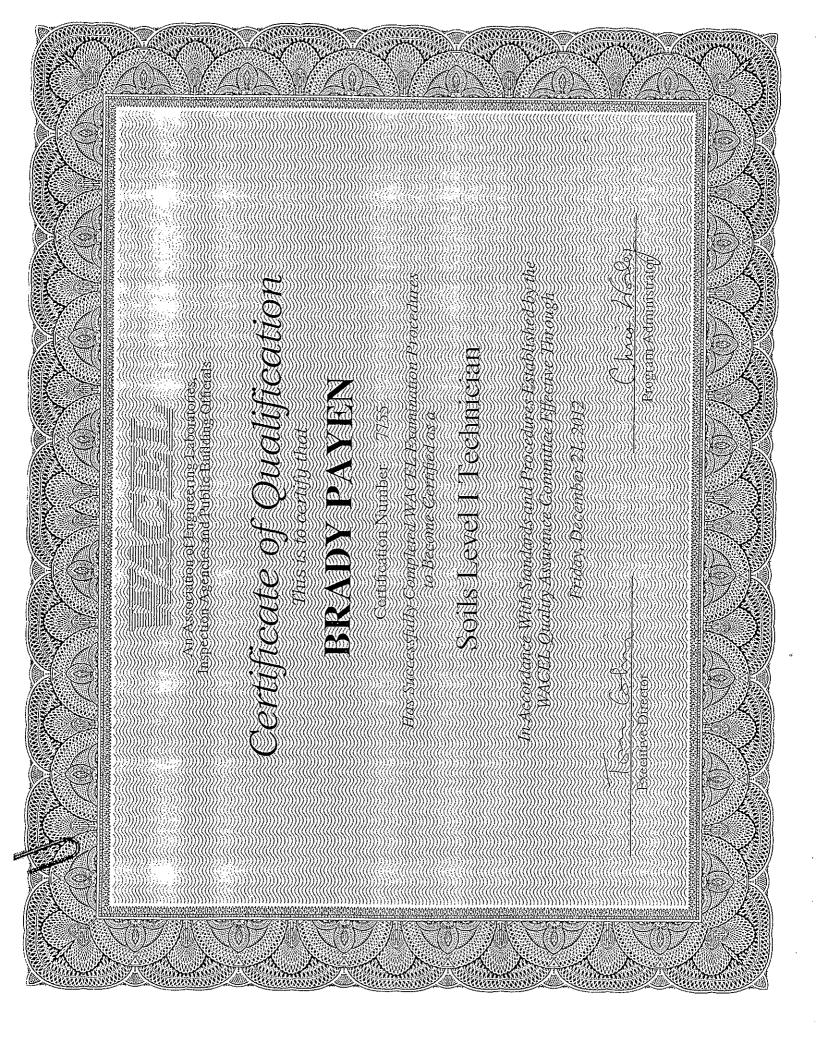


### Employee Registrations Report

NAME/TITLE	NUMBER	COMPANY/OFFICE LOCATION  The Robert B. Balter Company: MD			
Brady Payen Construction Inspector	PAY50				
Registrations					
Registration	Number	<u>State</u>	Date Earned	<u>Expires</u>	
ACI Concrete Field Testing Technician - Grade I			10/16/2008	10/16/2013	
WACEL Concrete Level II Technician	D871		4/28/2011	4/28/2016	
WACEL Soils Level I Technician	7755			12/21/2012	
Post-Tensioning Institute - Level 1 Inspector					
Post-Tensioning Institute - Level 2 Inspector	09160645			6/23/2011	
U.S. Nuclear Reg. Comm. Rad. Safety Training Cours					
OSHA 40 hr. Course - Haz. Waste Ops. & Emer. Respo			1/29/2009		
Concrete Placement Inspector	010002	NJ	1/9/2009	1/31/2012	
Reinforced Concrete Inspector	010002	NJ	1/9/2009	1/31/2012	
Pre-stressed Concrete Inspector	010002	NJ	1/9/2009	1/31/2012	
Structural Masonry Inspector	010002	N)	1/9/2009	1/31/2012	

Print Date: 5/2/2011





<b>E</b> i	American Concrete Insti- ditions in communication in			<b>(1)</b> 80	OKSTORE	<b>?</b> SEARCH	☐ FEEDBACK	() RSS	60 LOGIN
About ACI Public	kstore & Certification cations	Chapters Co ☑	,,,,,,,,	Conventions & Events⊡	Education	International	Membership	Students	Technical
	Certificati	ion Cer	tified	Pers	onnel				
Search	Results								
Last nam	e: payen					naman arm of the territory			
Item 1 of	1 matching your so	earch criteria	are show b	elow.Click	Search A	gain to initi	ate a new sea	arch.	
ACÎ Expi	en Brady CONCRETE FIELD res: October 16, 2 kensack, NJ 07601	013	- NAIOINN	GRADE I					
Search Ad	pain								

Copyright | Privacy Policy | Disclaimer | Home | Sitemap | Top



Accredited Gert Lab Accred Tech Cert Training Calendar Members To Objectives Members Lab List Database Program Program Program of Events Only Join

Cariffennus Lumbina

WACEL Certification Database --> New Search

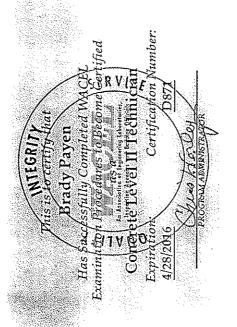
### Search Results:

Displaying records 1 thru 2 of 2 records found. (2 records displayed).

Sorted by field: last+name

Name	Certification Level	Certification Number	Expiration Date
Brady Payen	Soils Level I Technician	7755	12/21/2012
Brady Payen	Concrete Level II Technician	D871	04/28/2016

Exam scores are only provided in the members only section. Exam results are private please do not telephone WACEL requesting exam results.



j

:



### State of New Jersey

JON S. CORZINE Governor

DEPARTMENT OF COMMUNITY AFFAIRS
Division of Codes and Standards
Bureau of Code Services
Licensing Unit
101 South Broad Street
PO BOX 816
Trenton, NJ 08625

JOSEPH V. DORIA. JR. Commissioner

### **NOTICE OF CERTIFICATION AWARD**

Brady Payen 54 Polifly Road Hackensack, NJ 07601

January 9, 2009

Dear Mr. Payen:

This is to inform you that you have been determined qualified under authority of the New Jersey State Uniform Construction Code Act, to be certified as follows:

### Certification(s) Awarded

Concrete Placement Inspector Reinforced Concrete Inspector Pre-stressed Concrete Inspector Structural Masonry Inspector

Certification Number:  $\underline{010002}$ 

Effective Dates of Certification: 01/09/2009 through 01/31/2012

If there is any discrepancy between the information on this notice and the certification(s) for which you applied, please call 609-984-7834 at once.

Congratulations and best wishes!

Sincerely,

John A. Delesandro Supervisor of Licensing



## THE NATIONAL

# ENVIRONMENTAL TRAINERS

### Brady Payen

has satisfactorily passed an exam and completed a 40 hour training course entitled Hazardous Waste Operations and Emergency Response

This course has been awarded 5.0 Industrial Hygiene CM Points by the American Board of Industrial meeting the requirements identified in Title 29 CFR 1910.120 (OSHA HAZWOPER Regulations). Hygiene-Approval Number 13334. This course is eligible for 3.33

Continuance of Certification (COC) points from the Board of Certified Safety Professionals.

ENVIRONMENTAL TRAINERS, Inc. NATIONAL

January 29, 2009

Signature of Instructor



Clay A. Bednarz, MS, RPIH

Florida Board of Professional Engineers CEU Provider Number 0004284

Course Number 1003, Awarded 40 PDH's

www.nationalenvironmentaltrainers.com

# AMERICAN CONCRETE INSTITUTE

This is to certify that

### BRADY PAYEN

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

# ACI Concrete Field Testing Technician - Grade I

Certified Date: 10/16/2008 Ex

Examiner of Record: Mr Casimir Bognacki

Expires: 10/16/2013

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify

# AMERICAN CONCRETE INSTITUTE

This is to certify that

### BRADY PAYEN

successfully completing the ACI Certification requirements and is hereby recognized as an has demonstrated knowledge and ability by

# ACI Concrete Field Testing Technician - Grade I

Certified Date: 10/16/2008

Examiner of Record: Mr Casimir Bognacki

Expires: 10/16/2013

ACI Managing Director of Certification

333

The Authenticity of this certification can be verified at www. ACICertification .org/verify



### State of New Jersey

JON S. CORZINE

DEPARTMENT OF COMMUNITY AFFAIRS
Division of Codes and Standards
Bureau of Code Services
Licensing Unit
101 South Broad Street
PO BOX 816
Trenton, NJ 08625

JOSEPH V. DORIA. JR. Commissioner

### **NOTICE OF CERTIFICATION AWARD**

Brady Payen 54 Polifly Road Hackensack, NJ 07601

January 9, 2009

Dear Mr. Payen:

This is to inform you that you have been determined qualified under authority of the New Jersey State Uniform Construction Code Act, to be certified as follows:

### Certification(s) Awarded

Concrete Placement Inspector Reinforced Concrete Inspector Pre-stressed Concrete Inspector Structural Masonry Inspector

Certification Number: 010002

Effective Dates of Certification: 01/09/2009 through 01/31/2012

. 18 87 Su

If there is any discrepancy between the information on this notice and the certification(s) for which you applied, please call 609-984-7834 at once.

and the second of the second o

Congratulations and best wishes!

Sincerely,

John A. Delesandro Supervisor of Licensing



## THENATIONAL

# ENVIRONMENTAL TRAINERS

### Brady Payen

Las satisfactorily passed an exam and completed a 40 hour training course entitled Hazardous Waste Operations and Emergency Response

This course has been awarded 5.0 Industrial Hygiene CM Points by the American Board of Industrial meeting the requirements identified in Title 29 CFR 1910.120 (OSHA HAZWOPER Regulations). Hygiene-Approval Number 13334. This course is eligible for 3.33

Continuance of Certification (COC) points from the Board of Certified Safety Professionals.



January 29, 2009

Signature of Instructor



Clay A. Bednarz, MS, RPIH

www.nationalenvironmentaltrainers.com

Course Number 1003, Awarded 40 PDH's



# Certificate of Qualification

This is to certify that

# VINCENTE SERVERDIVE PINEDA

Certification Wumber E406

las Successfally Completed WACEL Examination Procedures

Lo Beconie Certified as a

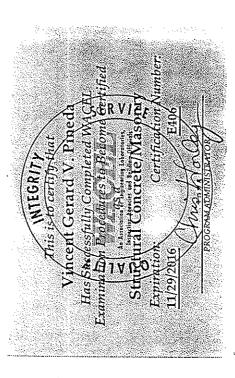
# Structural Concrete/Masonry Inspector

In Accordance With Standards and Procedures Established by the

Tuesdan, November 29, 2016

Executive Director

Program Administrator



.



Inspection Agencies and Public Building Officials

# Certificate of Qualification

# VINCENE GERARDEVEDINEDA

Certification Number (452

Has Successfully Completed WACEL Examination Procedures to Become Certified as a

## Concrete Level I Technician

In Accordance With Standards and Procedures Established by the WACEL Quality Assurance Committee Effective Through

Enday, June 28, 2013



Objectives	Members	Accredited Lab List	Cert Database	Lab Accred Program	Tech Cert Program	Training Program	Calendar of Events	Members Only	To Join

Caraftantina Ramitina

WACEL Certification Database --> New Search

### Search Results:

Displaying records 1 thru 6 of 6 records found. (6 records displayed).

Sorted by field: last+name

Name	Certification Level	Certification Number	Expiration Date
Vincent Gerard V. Pineda	Foundation Technician	B587	04/30/2012
Herberth O. Pineda	Concrete Level I Technician	C067	12/12/2012
Vincent Gerard V. Pineda	Concrete Level I Technician	C452	06/28/2013
Vincent Gerard V. Pineda	Fireproofing Level I Technician	D224	03/02/2015
Vincent Gerard V. Pineda	Concrete Level II Technician	D842	04/07/2016
Vincent Gerard V. Pineda	Structural Concrete/Masonry Inspector	E406	11/29/2016

Exam scores are only provided in the members only section. Exam results are private please do not telephone WACEL requesting exam results.



Accredited Cort Lab Accred Tech Cert Training Calendar Members To
Objectives Members Lab List Database Program Program Program of Events Only Join

Cartification Landon

WACEL Certification Database --> New Search

### Search Results:

Displaying records 1 thru 4 of 4 records found. (4 records displayed).

Sorted by field: last+name

Name	Certification Level	Certification Number	Expiration Date
Vincent Gerard V. Pineda	Foundation Technician	B587	04/30/2012
Vincent Gerard V. Pineda	Concrete Level I Technician	C452	06/28/2013
Vincent Gerard V. Pineda	Fireproofing Level I Technician	D224	03/02/2015
Vincent Gerard V. Pineda	Concrete Level II Technician	D842	04/07/2016

Exam scores are only provided in the members only section. Exam results are private please do not telephone WACEL requesting exam results.

JAMES INSTRUMENTS INC.

3727 North Kedzie Avenue, Chicago, Illinois 60618 1-800-426-6500 (773)463-6565 Fax (773)463-6009 E-Mail: ndjames.wwa.com

WINDSOR PROBE TEST SYSTEM

This certifies that

WINCENT GERARD PINEDA

employed by ROBLET B. BALTER Co. has been instructed in the care and use of the Windsor Test System and is qualified and competent to certify the compressive strength of concrete as indicated by the Windsor Test System.

- Date: <u>10/30/02</u> lor James Instruments Inc.

31053 Ž

ACCREDITED OPERATOR

This is the Markify that

Vincent Gerard Vo Pineda

Has Successfully Completed WACEL

Examination Procedures to Become Certified

Fire proofing Level I

Expiration:

3/2/2015

PROGRAM ADMINISTRATION

PROGRAM ADMINISTRATION

**MARTCP** 

TCP MID-ATLANTIC REGION TECHNICIAN CERTIFICATION PROGRAM

## Vincent Gerard V Pineda

is qualified as a technician in the following area(s)

CERTIFICATION

Soils & Agg. Comp. HMA Field

06/30/2015 06/30/2011

Certification. No: 5445-MD







Approval Letter

Name:

Vincent Gerard V. Pineda

Date of Award:

April 18, 2011

Certification Number:

111366

Certification Expire Date:

06/01/2013

It is my pleasure to inform you that recertification has been granted as follows:

CONSTRUCTION MATERIALS TESTING/ASPHALT/LEVEL I
CONSTRUCTION MATERIALS TESTING/CONCRETE/LEVEL I
CONSTRUCTION MATERIALS TESTING/SOILS/LEVEL I
GEOTECHNICAL ENGINEERING TECHNOLOGY/LABORATORY/LEVEL I
GEOTECHNICAL ENGINEERING TECHNOLOGY/CONSTRUCTION/LEVEL I

You will find your new wallet card attached to the bottom of this letter. Also enclosed with this letter is your new certificate. Your new three-year period of certification is printed on both your wallet card and your certificate. You will need to accumulate another 90 continuing professional development points to continue your certification beyond this new expiration date.

Prior to removing the wallet card from this letter, we advise that you make a copy of the letter for your files as the complete letter may be required as proof of certification.

The interest you have shown in your career development by obtaining professional recognition and status through certification is most commendable. On behalf of the Board of Governors, please accept our congratulations and best wishes.

Very truly yours,

Michael A. Clark

Chief Operating Executive

remove card slowly



NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES®

Vincent Gerard V. Pineda

ASPHALT/I CONCRETE/I SOILS/I LABORATORY/I CONSTRUCTION/I

CERT NO. 111366 VALID THRU 06/01/2013

Vincent Gerard V. Pineda 7615 Cedar Pond Lane Rosedale, MD 21237

## **Certification Directory Entry**

Vincent Gerard V. PinedaRosedale, MD

Technologist ID: 0 Technician ID:111366

	Awarded	Expires
Construction Materials Testing		
Asphalt, Level: I	05/28/2004	06/01/2013
Concrete, Level: I	05/28/2004	06/01/2013
Soils, Level: I Geotechnical Engineering Technology	05/28/2004	06/01/2013
Construction, Level: I	03/19/2009	06/01/2013
Laboratory, Level: I	11/14/2005	06/01/2013

New Search | Search Results



An Association of Engineering Laboratories, Inspection Agencies and Public Building Officials

# Certificate of Qualification This is to certify that VINCENT GERARD V. PINEDA

Certification Number D224

Has Successfully Completed WACEL Examination Procedures

# Fireproofing Level I Technician

In Aecordance With Standards and Procedures Established by the WACEL Quality Assurance Committee Effective Through

Monday, March 2, 2015

Executive Director



Objectives Members Lab List Delabase Program Program Organ Office Only Join

Credifications Lecturers

WACEL Certification Database --> New Search

## Search Results:

Displaying records 1 thru 5 of 5 records found. (5 records displayed). Sorted by field: last+name

Name	Certification Level	Certification Number	Expiration Date
Herberth O. Pineda	Concrete Level I Technician	C067	12/12/2012
Vincent Gerard V. Pineda	Concrete Level I Technician	C452	06/28/2013
Vincent Gerard V. Pineda	Fireproofing Level I Technician	D224	03/02/2015
Vincent Gerard V. Pineda	Concrete Level II Technician	D842	04/07/2016
Vincent Gerard V. Pineda	Structural Concrete/Masonry Inspector	E406	11/29/2016

Exam scores are only provided in the members only section. Exam results are private please do not telephone WACEL requesting exam results.



1961 Providing Certification Programs Since

BE IT KNOWN THAT

## Vincent Gerard V. Pineda

IS HEREBY AWARDED CERTIFICATION AT

LEVEL I

IN CONSTRUCTION MATERIALS TESTING ASPHALT

BASED UPON SUCCESSFUL DEMONSTRATION OF REQUISITE KNOWLEDGE, EXPERIENCE AND WORK PERFORMANCE AS SET FORTH BY THIS INSTITUTE.

Certification Valid through June 1, 2013

CERTIFICATION NUMBER 111366

CHAIRMAN OF THE NICET BOARD OF GOVERNORS



1961 Providing Certification Programs Since

BE IT KNOWN THAT

## Vincent Gerard V. Pineda

IS HEREBY AWARDED CERTIFICATION AT

LEVEL I

IN CONSTRUCTION MATERIALS TESTING CONCRETE

BASED UPON SUCCESSFUL DEMONSTRATION OF REQUISITE KNOWLEDGE, EXPERIENCE AND WORK PERFORMANCE AS SET FORTH BY THIS INSTITUTE.

Certification Valid through June 1, 2013

CERTIFICATION NUMBER 111366

CHAIRMAN OF THE NICET BOARD OF GOVERNORS



1961 Providing Certification Programs Since

BE IT KNOWN THAT

## Vincent Gerard V. Pineda

IS HEREBY AWARDED CERTIFICATION AT

LEVEL I

IN CONSTRUCTION MATERIALS TESTING SOILS

BASED UPON SUCCESSFUL DEMONSTRATION OF REQUISITE KNOWLEDGE, EXPERIENCE AND WORK PERFORMANCE AS SET FORTH BY THIS INSTITUTE

Certification Valid through June 1, 2013

CERTIFICATION NUMBER 111366

CHAIRMAN OF THE NICET BOARD OF GOVERNORS



Providing Certification Programs Since 196

**BE IT KNOWN THAT** 

## Vincent Gerard V. Pineda

IS HEREBY AWARDED CERTIFICATION AT

LEVEL I

IN GEOTECHNICAL ENGINEERING TECHNOLOGY CONSTRUCTION

BASED UPON SUCCESSFUL DEMONSTRATION OF REQUISITE KNOWLEDGE EXPERIENCE AND WORK PERFORMANCE AS SET FORTH BY THIS INSTITUTE

Certification Valid through June 1, 2013

CERTIFICATION NUMBER 111366

CHAIRMAN OF THE NICET BOARD OF GOVERNORS



1961 Providing Certification Programs Since

BE IT KNOWN THAT

## Vincent Gerard V. Pineda

IS HEREBY AWARDED CERTIFICATION AT

LEVEL I

IN GEOTECHNICAL ENGINEERING TECHNOLOGY LABORATORY

BASED UPON SUCCESSFUL DEMONSTRATION OF REQUISITE KNOWLEDGE, EXPERIENCE AND WORK PERFORMANCE AS SET FORTH BY THIS INSTITUTE.

Certification Valid through June 1, 2013

CERTIFICATION NUMBER 111366

CHAIRMAN OF THE NICET BOARD OF GOVERNORS

0		an Concrete Inst og overese koser fo				💟 во	окѕтог	RE [	SEAR	сн [	FEEDB	ACK	LOGI	ίN
							<b>3</b> 7	10	ய			Ku		
About ACI	Bookstore & Publications	Certification	Chapters	Committees	Conventions & Events	Education	Interna E			bership	Stude	nts	Technical	

## **ACI Certification Certified Personnel**

## Search Results

Last name: Pineda

Items 16 - 24 out of 24 matching your search criteria are shown below.Click **Search Again** to initiate a new search.

## Pineda Luis C

ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Expires: May 23, 2016 East Elmhurst, NY 11369-1613

## Pineda Luis R

ACI CONCRETE FLATWORK FINISHER & TECHNICIAN

Expires: March 20, 2013 Mechanicville, NY 12118-2206

## Pineda Romulo

ACI CONCRETE STRENGTH TESTING TECHNICIAN

Expires: March 29, 2013 Miami, FL 33196-6811

## Pineda Ruben A

ACI CONCRETE FLATWORK TECHNICIAN

Expires: September 19, 2014 Orange, CA 92868-1014

## Pineda Santos B

ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Expires: September 28, 2016 Flushing, NY 11354-3701

## Pineda Sergio

ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Expires: April 25, 2014 Tucson, AZ 85751-0212

## Pineda Vincent Gerard V

ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Expires: January 8, 2014 Rosedale, MD 21237-3742

## Pineda-garcia Dennis

ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Expires: January 20, 2017

TEGUCIGALPA, HONDURAS 999999

## Vargas Pineda Wilmer A

ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Expires: June 10, 2016

SAN PEDRO SULA, CORT HONDURAS CT1100

Previous - Search Again

**MARTCP** 

TCP MID-ATLANTIC REGION TECHNICIAN CERTUFICATION PROGRAM

## Vincent Gerard V Pineda

is qualified as a technician in the following area(s)

CERTIFICATION

EXPIRES

Soils & Agg, Comp. HMA Field 06/30/2015 06/30/2011

Certification, No: 5445-MD



# Certificate of Qualification

## TRAIN JOESORE

## Concrete Level Technican



Accredited Cert Lab Accred Tech Cert Training
Objectives Members Lab List Database Program Program Program

Calendar Members Only of Events

Join

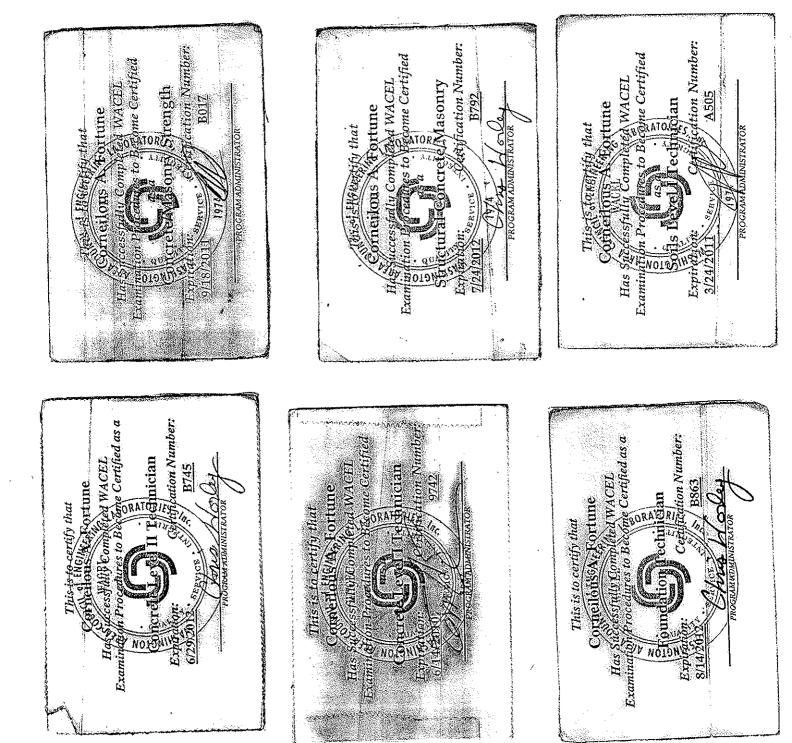
WACEL Certification Database --> New Search

## Search Results:

Displaying records 1 thru 2 of 2 records found. (2 records displayed). Sorted by field: last+name

Name	Certification Level	<b>Certification Number</b>	<b>Expiration Date</b>
Irman S, Jo	esoef Concrete Level II Technician	B864	08/14/2012
	esoef Structural Concrete/Masonry Inspector	C727	11/14/2013

Exam scores are only provided in the members only section. Exam results are private please do not telephone WACEL requesting exam results.



# AMERICAN CONCRETE INSTITUTE

Expirit

)

This is to certify that

## Teodros T Rosario

has demonstrated knowledge and ability by successfully completing the ACI certification requirements and is hereby recognized as an

# ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE

Exam Date: 12/19/2002

Expires: 12/19/2007

Examiner:

# AMERICAN CONCRETE INSTITUTE

This is to certify that

## MR TEODROS T ROSARIO

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

# ACI Concrete Field Testing Technician - Grade I

Certified Date: 03/10/2008

Expires: 03/10/2013

Examiner of Record: Prometric Testing Centers

ACI Managing Director of Certification

AN MAR

The Authenticity of this certification can be verified at www. ACICertification .org/verify

## **ACI Certification Results Report**

## ACI Concrete Field Testing Technician - Grade I

## **Testing Session Information:**

Session: 080719

Exam Date: 03/10/2008

Exam Location:,

ACI Sponsoring Group: Prometric Testing Centers

Phone: (410)880-8745

Examiner of Record:

**Prometric Testing Centers** 

## **Examinee Information**

Mr Teodros T Rosano

Apt K

24 McChurch Ct

Randalistown, MD#21133-3822

Certification ID

## Status Information

Certification Status CERTIFIED

ACI Concrete Field Testing Technician - Grade I

Certification (ssue Date:

03/10/2008 Thiu 03/10/2013

## ACI Comments:

Congratulations! You are now Certified. This is an accomplishment you can be very proud of and we will be happy to confirm this credential to anyone upon request. Enclosed is your wallet card and certificate attesting this accomplishment. In addition, a directory of all ACI Certified individuals can be found at www.ACICertification.org

## Required Results

Written Examination Performance Overall PASS PASS

The Detailed Subtest Results section on next (back) page.



# Certificate of Onalification

## TEODROS I. ROSARIO

Has successfully Completed WACEL Examination Programme to Become Verified as a Soft Elevel Technical and Soft Elevel Technical as a Soft Elevel Technical and Soft Elevel Tech

Rodinace With Standards and Procedures Estab BACEL Quality Assarance Communice Effective Exidas Man to 18



sponsored by the National Society of Professional Engineers 1420 King Street, Alexandria, Virginia 22314-2794 1-888-IS-NICET • www.nicet.org

## APPROVAL LETTER

Name:

Date of Award:

Certification Number: Certification Expire Date: Teodros T. Rosario June 12, 2009

108805

07/01/2012

It is my pleasure to inform you that recertification has been granted as follows:

## CONSTRUCTION MATERIALS TESTING/SOILS/LEVEL I CONSTRUCTION MATERIALS TESTING/CONCRETE/LEVEL II

You will find your new wallet card attached to the bottom of this letter. Also enclosed with this letter is your new certificate. Your new three-year period of certification is printed on both your wallet card and your certificate. You will need to accumulate another 90 continuing professional development points to continue your certification beyond this new expiration date.

Prior to removing the wallet card from this letter, we advise that you make a copy of the letter for your files as the complete letter may be required as proof of certification.

The interest you have shown in your career development by obtaining professional recognition and status through certification is most commendable. On behalf of the Board of Governors, please accept our congratulations and best wishes.

Very truly yours,

Michael A. Clark

Chief Operating Executive

remove card slowly

NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES

Teodros T. Rosario

SOILS/I CONCRETE/II

Teodros T. Rosario 10908 Hunteliff Dr Apt 5 Owings Mills, MD 21117

CERT NO. 108805 VALID THRU 07/01/2012

HEREBY CERTIFIES THAT

## Teodros T. Rosario

HAS ATTAINED THE GRADE OF

LEVEL II

IN CONSTRUCTION MATERIALS TESTING CONCRETE

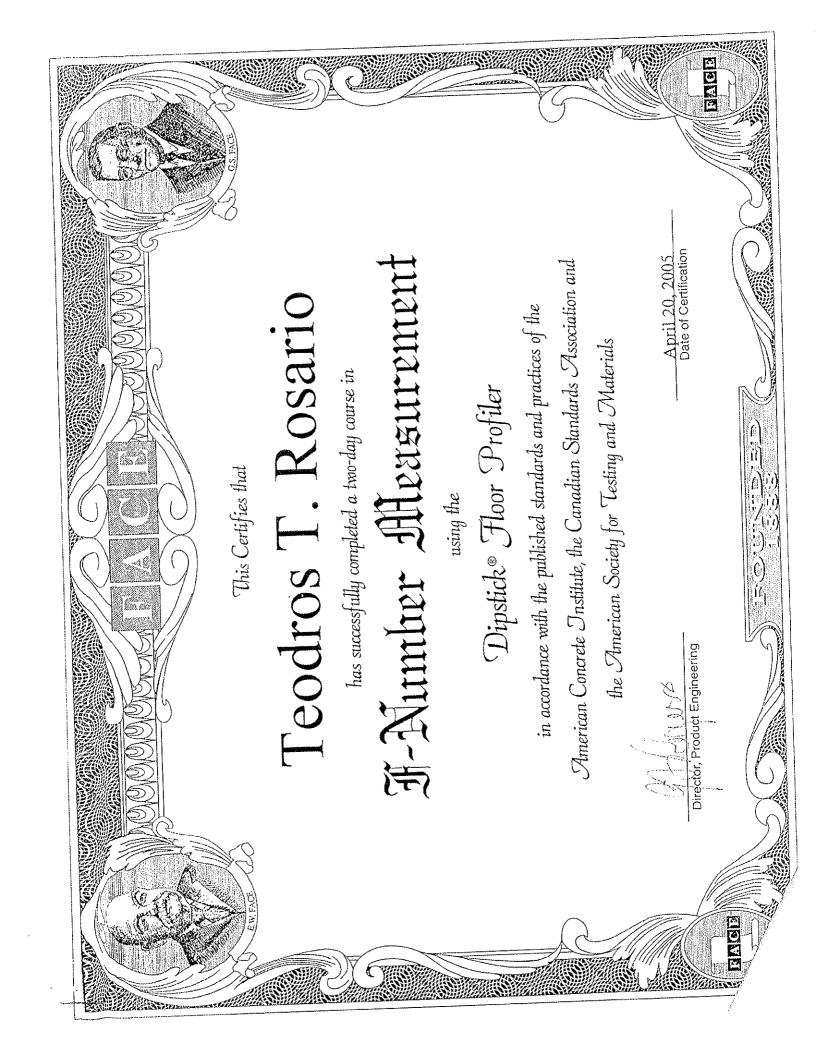
AND RECOGNIZES THAT THROUGH EDUCATION,
EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS
MET THE STANDARDS SET FORTH BY THIS INSTITUTI
Certification Valid through July 1, 2012

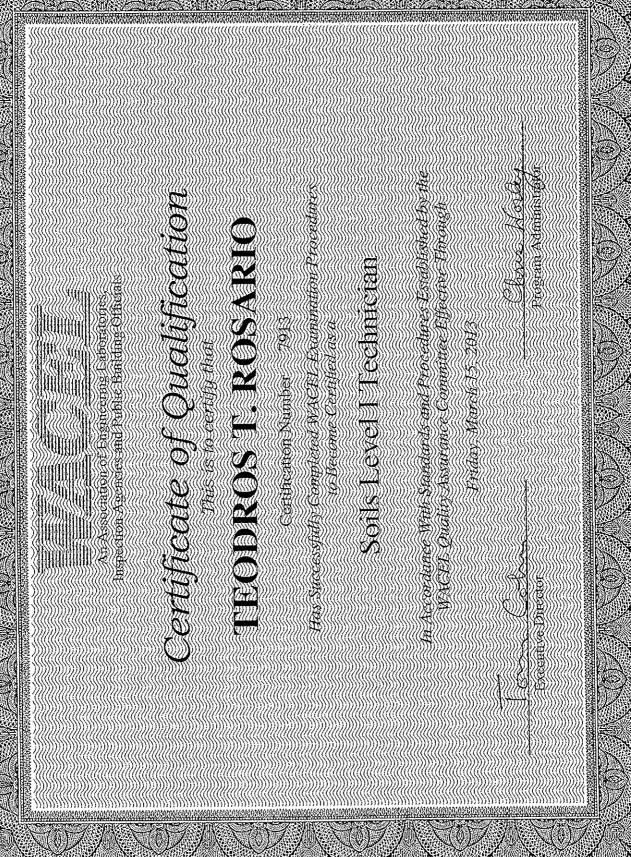
CERTIFICATION NUMBER 108805

James Mather

HAIRMAN OF THE BOARD OF GOVERNORS, MICET







Inspection Agencies and Public Building Officials

## Certificate of Qualification This is to certify that

## TEODROS T. ROSARIO

Certification Number 7913

Has Successfully Completed WACEL Examination Procedures to Become Certified as a

## Soils Level I Technician

In Accordance With Standards and Procedures Established by the fudity Assurance Committee Effective Through Saturday, March 15, 2008



September 11, 2008

 $\mathbb{Z}_{2^{2}}$ 

## **TEODROS ROSARIO**

Has successfully completed HAZMAT refresher training in accordance with policies set forth by the following rules and regulations governing portable nuclear moisture/density gauge transportation requirements: 49CFR 172 subpart H and IATA 1.5.2.

demonstrated a thorough understanding of all aspects needed for transportation, with specific emphasis placed on A closed book examination was administered and a passing score was achieved. The person listed above has portable nuclear density gauges.

Subjects included in this course were: Incident, labeling, storage, security awareness and emergency procedures.

This certificate expires 3 years from the date issued for persons who use ground transportation (company or personal vehicle, trucking company) and expires in 2 years for persons shipping through Air transportation (FedEx)



# OCHS' Technical Services

į,

HEREBY CERTIFIES THAT

## Codius C. Rusaile

TRAINING FOR USE OF THE NUCLEAR MOISTURE-DENSITY GAUGE IN ACCORDANCE WITH MD STATE AND USNRC REGULATIONS HAS SUCCESSFULLY COMPLETED THE REQUIRED RADIOLOGICAL SAFETY

Subjects included in this course were as follows: Radiological Safety - principles and practices of radiation protection; leak testing procedures; measurements of radioactivity; biological effects of radiation; monitoring techniques and methods; accident, incident, storage, and transportation procedures; and general safety precautions. Device Operation instrument theory, operation procedures, leak testing, field operations and gauge calibration.

William D. Ooks, CE.T.

structo

June 24, 2000 Date of Training

Lic. No. MD-05-137-01 NC Reg. No. S 000480

MARTCP MID-ATLANTIC REGION TECHNICIAN CERTIFICATION PROGRAM

is qualified as a technician in the following area(s) Teodros T Rosario

06/30/2010 Soils & Agg. Comp.

EXPIRES

CERTIFICATION

Certification, No. 5442-MD

This is to certify that the technician indicated on the reverse side has been qualified through written and performance testing as a certified technician in the material discipline (s) indicated on the reverse side of this care.

Division Chief, Training & Certification

Woody/ Hood



Robert L. Ehrlich, Jr., Governor Michael S. Steele, Lt. Governor Robert L. Flanagan, Secretary Neil J. Pederson, Administrator

## Maryland Department of Transportation

Please reply 10: Office of Materials and Technology 2323 West Joppa Road Lutherville, MD 21093

January 10, 2006

Teodros T Rosario 10908 Huntcliff Drive Apt. 5 Owings Mills, MD 21117

Re: Soils & Aggregate Compaction Field Technician Exam held December 19, 2005

## Congratulations!

You have successfully met the requirements for Maryland SHA Soils & Aggregate Compaction Field Technician. Your passed the practical test, and your written score of 87.5 exceeds the minimum score of 70 required to receive a passing grade. Your certification is valid until it expires on June 30, 2010.

To assist us in notifing you about certification renewal, please inform us if you change your name, your employer, or your address.

If you have any questions, please contact me, or call Mr. Ray Dotterweich at (410) 321-4104.

-Sincerely,

Wdodrow L. Hood<sup>\*</sup> Regional Engineer

Central Northern Regional Laboratory

Attachment

WLH/RJD/lra

Cc: Certification File Robert B. Balter Co.

(410) 321-4100 / 1 (800) 637-1290

My telephone number/toll-free number is (410) 321-3099

Maryland Relay Service for Impaired Hearing or Speech: 1.800.735.2258 Statewide Toll Free

Street Address: 707 North Calvert Street • Baltimore, Maryland 21202 • Phone 410.545.0300 • www.marylandroads.com

Expired

HEREBY CERTIFIES THAT

Teodros T. Rosario

HAS ATTAINED THE GRADE OF

LEVEL II

IN CONSTRUCTION MATERIALS TESTING
CONCRETE

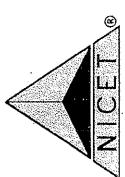
AND RECOGNIZES THAT THROUGH EDUCATION, EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS MET THE STANDARDS SET FORTH BY THIS INSTITUTE

Certification Valid through July 1, 2009

CERTIFICATION NUMBER 108805

Jose A. Allison

CHAIRMAN OF THE BOARD OF GOVERNORS, NICET



Expired

HEREBY CERTIFIES THAT

Teodros T. Rosario

HAS ATTAINED THE GRADE OF

LEVEL I

IN CONSTRUCTION MATERIALS TESTING

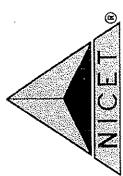
AND RECOGNIZES THAT THROUGH EDUCATION, EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS MET THE STANDARDS SET FORTH BY THIS INSTITUTE

Certification Valid through July 1, 2009

CERTIFICATION NUMBER 108805

Jose A. Allison

CHAIRMAN OF THE BOARD OF GOVERNORS, NICET



SPONSORED BY THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

sponsored by the National Society of Professional Engineers
1420 King Street, Alexandria, Virginia 22314-2794
1-888-IS-NICET • www.nicet.org

Expired

Name:

Date of Award: Certification Number: Teodros T. Rosario February 24, 2006 108805

07/01/2009

Certification Expire Date:

It is my pleasure to inform you that recertification has been granted as follows:

CONSTRUCTION MATERIALS TESTING/SOILS/LEVEL I
CONSTRUCTION MATERIALS TESTING/CONCRETE/LEVEL II

You will find your new wallet card attached to the bottom of this letter. Also enclosed with this letter is your new certificate. Your new three-year period of certification is printed on both your wallet card and your certificate. You will need to accumulate another 90 continuing professional development points to continue your certification beyond this new expiration date.

Prior to removing the wallet card from this letter, we advise that you make a copy of the letter for your files as the complete letter may be required as proof of certification.

The interest you have shown in your career development by obtaining professional recognition and status through certification is most commendable. On behalf of the Board of Governors, please accept our congratulations and best wishes.

Very truly yours.

Michael A. Clark General Manager

remove card slowly

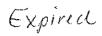
NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES

Teodros T. Rosario

SOILS/I CONCRETE/II

Teodros T. Rosario 10908 Huntcliff Dr Apt 5 Owings Mills, MD 21117

CERT NO. 168865 VALID THRU 07/01/2009

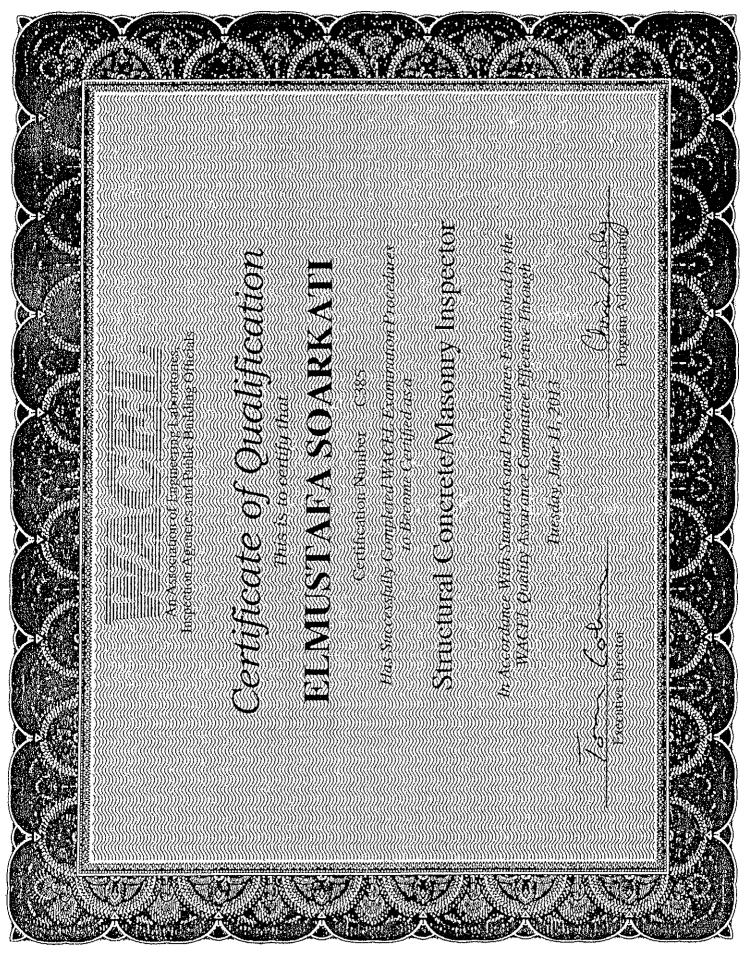


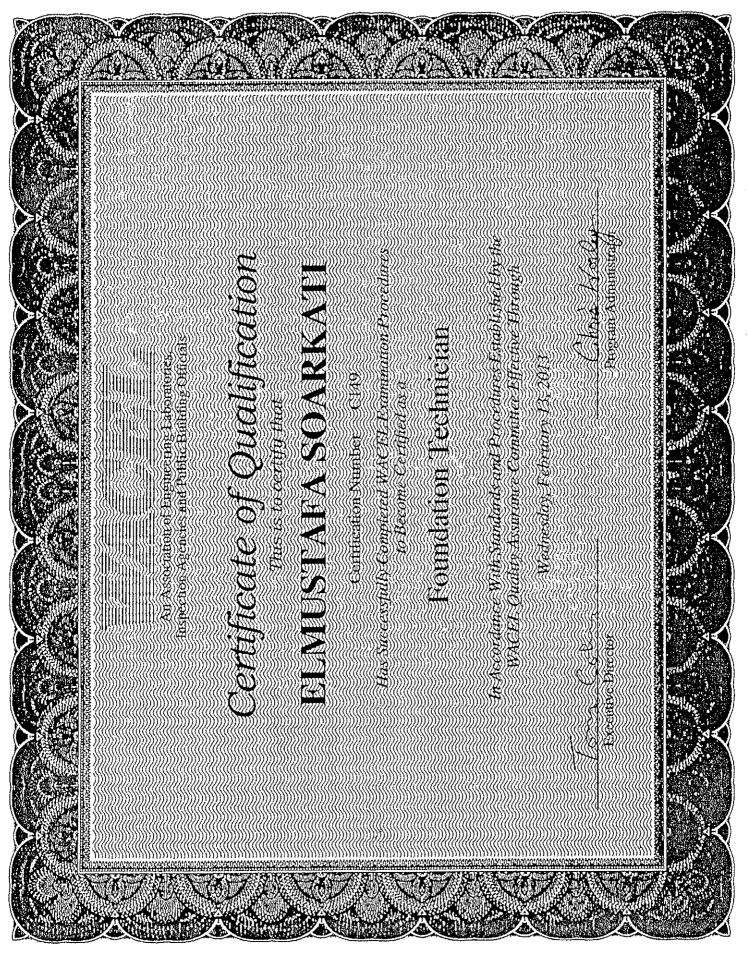
### WACEL Certification Database --> New Search

### Search Results:

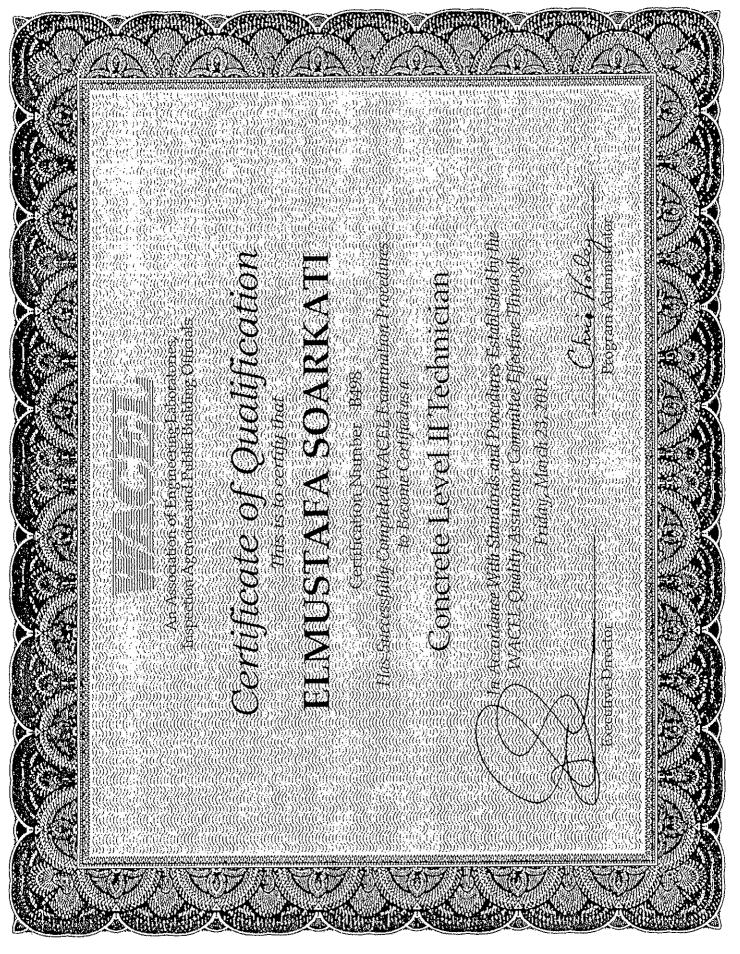
Displaying records 1 thru 1 of 1 records found, (1 records displayed). Sorted by field; last name

Name	Certification Level	Certification Number	<b>Expiration Date</b>
Teodros T. Rosario	Soils Level I Technician	7913	3/15/2008

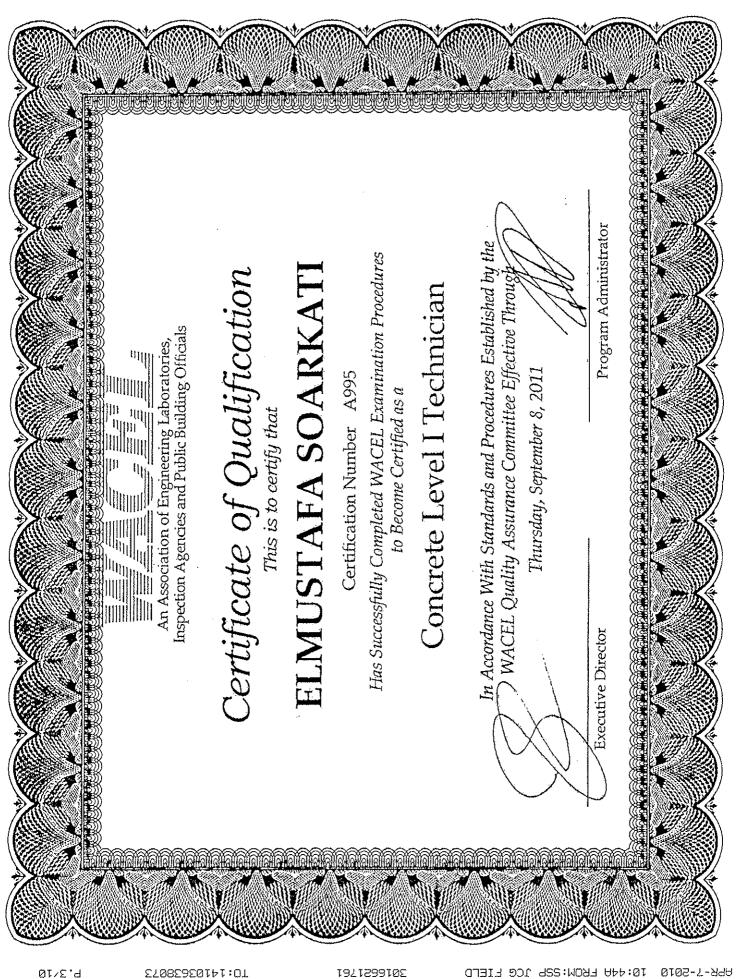


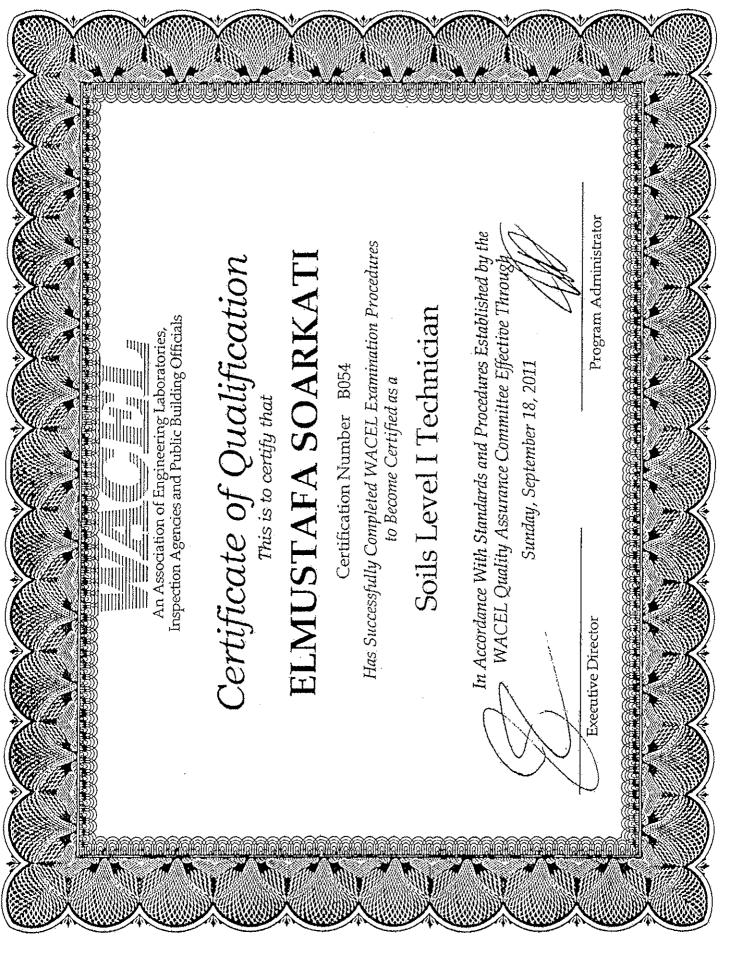


3016621761



3016621761





ECS UNIVERSITY

SITY

aining

the basic training course

this twenty-fifth day of

of Virginia by ECS Mid
Instructor

Omer M. Duzyol, R.S.O.

Radiation Safety Officer Radiation Safety 'Iraining Certificate of Completion

This is to certify that Elmustafa Soarkati has completed the basic training course

August, 2006 in the City of Chantilly, Commonwealth of Virginia by ECS Mid-

on Radiation Safety and Use of Nuclear Gauges, held this twenty-fifth day of

Atlantic, LLC.

14026 Thunderbolt Place ECS Mid-Atlantic, LLC. Suite 100

Chantilly, Virginia 20151 Phone: 703-471-8400

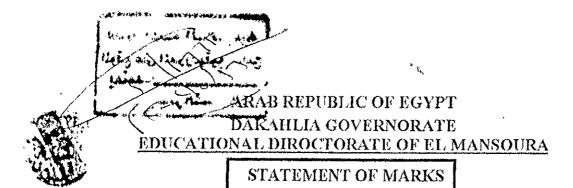
Expiration Date: August 25, 2009

Materials Certification Card Page 1 of 1



This is to certify that <u>Elmustafa Soarkati</u> is a qualified Technician in the designated area(s):

Certification	Expires
Pavement Marking School	12/31/2012



With reference to the passer's register of the exam of the Industrial secondary Education certificate for the year 2000, it is found that:

.Mr. El Mustafa Mohamed Ali Mugbil Soarkati has succeeded in the exam in the Industrial Secondary Education Certificate Branch Electronics.

Examination Year Bench Number

:2000 :690212

School Name.

: AboElnaga Industrial Secondary School

Subject	Max.	Min.	Mark
Arabic Language	40	20	20
Foreign Language	40	16	30
Mathematics	40	16	35
Technical Drawing	100	50	80
Televisions	60	30	43
Electronic Technology	60	30 ,	48
Calculations Technology	60	30	49
Industrial Arrangement	40	20	35
Small Industrial Projects Management	20	8	13
Written Subjects Total	460	230	353
Professional Trainings	100	60	70
Gross Total	560	290	423
Religious Education	20	10	14
Only, Four Hundred, Twenty Three marl	cs (423).	الم. ـ	• •

This Statement is to be submitted to "U.S.A" At The Request Of Mr. El Mustafa Mohamed Ali Mugbil Soarkati, After payment of registered fees. The authorities concerned should be sure that the bearer of this statement is the same Person whose name is stated above.

SPECIAL IST

FIRST REVISOR

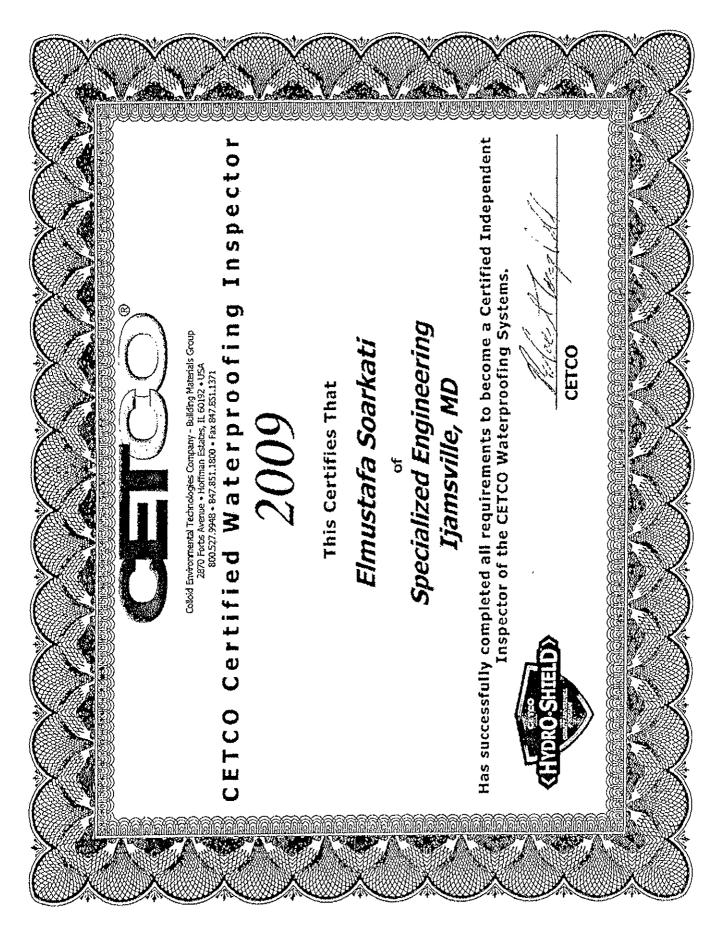
SECOND REVISOR

DIRECTOR

c-c10110









### National Highway Institute

# Certificate of Training

### Elmustafa Soarkati

has participated in

# 132070 Drilled Shaft Foundation Inspection

Specialized Engineering

Date: April 22-24, 2009

Hours of Instruction: 18

Location: Glen Burnie, Maryland

Eastractor

Instructor

Local Coordinator

Richard Barnaby, Director National Highway Institute



U.S. Department Of Transportation Federal Highway Administration



### National Highway Institute

# Certificate of Training

### Elmustafa Soarkati

has participated in

# 132070 Drilled Shaft Foundation Inspection

Specialized Engineering

Date: April 22-24, 2009

Hours of Instruction: 18

Location: Glen Burnie, Maryland

Instructor

Instructor

SICH

Local Coordinator

National Highway Institute Richard Barnaby, Director

→ EXCHVNCE

Of Transportation Federal Highway Administration

# AMERICAN CONCRETE INSTITUTE

This is to certify that

## MICHAEL A WATKINS

has demonstrated knowledge and ability by successfully completing the ACI certification requirements and is hereby recognized as an

# ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Certified Date: 6/21/07

Expires: 6/21/12

ACI Managing Director of Certification

Examiner of Record: Mr John R Wilson

The Authenticity of this certification can be verified at www.ACICertification.org/Verify

ACCREDITED OPERATOR

JAMIES INSTRUMENTS INC.
NONDESTRICTIVE TESTING SYSTEMS
3727 North Kedzie Avenue, Chicago, Illinois 60618
1-800-426-6500 (773)463-6565 Fax (773)463-6009
E-Mail: ndijames wwa.com

WINDSOR PROBE TEST SYSTEM

This certifies that

WATKINS MICHEAL

employed by ROBERT B BALTER CO. has been instructed in the care and use of the Windsor Test System and is qualified and competent to certify the compressive strength of concrete as indicated by the Windsor Test System.

for James Instruments Inc.

Date: 10/30/07

31056

ž



Inspection Agencies and Public Building Officials in Association of Engl

# Certificate of Qualification. Thus is to certify that

### HATIN H. FIBALD

Certification Number 7385

Has Successfully Completed WACEL Examination Procedures to Become Certified as a

## Concrete Level II Technician

In Accordance With Standards and Procedures Established by the WACEL Quality Assurance Committee Effective Through

Thursday, July 19, 2012



Program Administrator



Inspection Agences and Public Building Official An Association of Eng

# Certificate of Qualification This is to certify that FATIN H. EIBAID

Certification Number 7240

Has Successfully Completed WACEL Exancination Procedures to Become Certified as a

### Soils Level I Technician

In Accordance With Standards and Procedures Established by the WACEL Quality Assurance Committee Effective Through

Friday, April 13, 2012



Executive Director

## NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES®

HEREBY CERTIFIES THAT

Hatim H. Eibaid

HAS ATTAINED THE GRADE OF

LEVEL I

IN CONSTRUCTION MATERIALS TESTING SOILS

AND RECOGNIZES THAT THROUGH EDUCATION, EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS MET THE STANDARDS SET FORTH BY THIS INSTITUT Certification Valid through December 1, 2012

CERTIFICATION NUMBER 118315

They I Saughan

JAIRMAN OF THE BOARD OF GOVERNORS, NICET

SPONSORED BY THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

## NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES®

HEREBY CERTIFIES THAT

### Hatim H. Eibaid

HAS ATTAINED THE GRADE OF

LEVEL II

IN CONSTRUCTION MATERIALS TESTING CONCRETE

AND RECOGNIZES THAT THROUGH EDUCATION, EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS MET THE STANDARDS SET FORTH BY THIS INSTITUT Certification Valid through December 1, 2012

CERTIFICATION NUMBER 118315

Haby I Saughan

CHAIRMAN OF THE BOARD OF GOVERNORS, NICET



## NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES®

HEREBY CERTIFIES THAT

Hatim H. Eibaid

HAS ATTAINED THE GRADE OF

LEVEL II

IN CONSTRUCTION MATERIALS TESTING ASPHALT

AND RECOGNIZES THAT THROUGH EDUCATION, EXPERIENCE, AND KNOWLEDGE THIS PERSON HAS MET THE STANDARDS SET FORTH BY THIS INSTITUTE Certification Valid through December 1, 2012

CERTIFICATION NUMBER 118315

They I bringham

CHAIRMAN OF THE BOARD OF GOVERNORS, NICET





### 

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

Silver Spring Transit Center Montgomery County, Maryland

### Non Compliance Form

Resolution	11/39/10 RFI 656 WOOK COMBLETO	Ougo ing	priobuo					\		
Resolution Date	0/66/11									
	11/9/2010 Pors reversed from 250 L.	郊	Seet Grout toir PT tendon ducts							
Item Number		4	W							

Silver Spring Transit Center Montgomery County, Maryland

Geologiumo) and Co-emerchiculal Engineer. Colomados Maleneis, Tosbio, erd inspensor

Non Compliance Form  Issue/Location  Resolution  Of reloc 23 L 1/Ag/L RFT 656 work or 1/Ag/L 1/Ag/L CAGO 1/Ag/L 1/Ag/L CAGO 1/Ag/L 1/Ag/L CAGO 1/Ag/L 1/Ag/L CAGO				
Non Complia  Number Inspection    My   3 yo   200   rebor   250     See   200   rebor   250   reserved   reserv				



## THE ROBERT D. BALLE COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

### Silver Spring Transit Center Montgomery County, Maryland

## Non Compliance Form (Updated 3-14-2011)

Resolution	Accepted by PB	Accepted by PB	Accepted by PB	11/18/2010   Accepted by PB	Accepted by PB	Accepted by PB	Accepted by PB	Resolved - Dowels installed in accordance with PB response to RFI #656	Accepted by PB	Accepted by PB	Accepted by PB	Accepted by PB
Resolution Date	10/9/10	10/15/10	11/11/10	11/18/2010	12/7/2010	2/4/2011	2/4/20110	11/24/10	1/28/2011	1/28/2011	1/19/2011	1/19/2011
Issue/Location	Elongations out of tolerance – Pour 1A	Elongations out of tolerance – Pour 1B	Elongations out of tolerance – Pour 1C	Elongations out of tolerance – Pour 2A	Elongations out of tolerance – Pour 1Ea	Low grout cube 28-day compressive strength (Set numbers 402, 403, 410, 411, 414, 416, 420, 424, 425, 426, 427)	Low grout cube 28-day compressive strength (Set numbers 476, 477, 478, 479, 495)	Reinforcing dowels required at Beam BP100	12 vs. 14 tendons in Duct BT11, Beam PB-4	Elongations out of tolerance – Pour 1D	Tendon broke, Pour 1F, Duct BT15-1	Tendon broke, Pour 1F, Duct BT14-2
Date of Inspection	various	various	various	various	various	various	various	11/2010	12/16/2010	1/2011	1/6/2011	1/5/2011
Item Number	1	2	3	4	5	9	7	∞	6	10	,	12

[200200000000000]	<sub>1</sub>	······································	
Resolution	Unresolved	Accepted by PB	Unresolved
Resolution Date		2/11/2011	
Issue/Location	Tendon U-22 exposed at surface, Pour 1C	Elongations out of tolerance – Pour 2D	Pour 1H was not stressed within 96 hours after concrete placement. It is now fully stressed.  No other corrective action is available.
Date of Inspection	1/6/2011	2/2011	2/2011
Item Number	13	14	15

\Server\jobs\16000 to 16099 Contract Folders\16027-0 Silver Spring Transit Center\Inspection\Non Compliance Form 3-14-11.doc



## TE ROBEL B. BALLE COMPAN.

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

## Non Compliance Form (Updated 3-2-2011)

Silver Spring Transit Center Montgomery County, Maryland

n Resolution	Accepted by PB	Accepted by PB	Accepted by PB	11/18/2010   Accepted by PB	Accepted by PB	Accepted by PB	Accepted by PB	Resolved - Dowels installed in accordance with PB response to RFI #656	Accepted by PB	Accepted by PB	Accepted by PB	Accepted by PB
Resolution Date	10/6/10	10/15/10	11/11/10	11/18/2010	12/7/2010	2/4/2011	2/4/20110	11/24/10	1/28/2011	1/28/2011	1/19/2011	1/19/2011
Issue/Location	Elongations out of tolerance – Pour 1A	Elongations out of tolerance – Pour 1B	Elongations out of tolerance – Pour 1C	Elongations out of tolerance – Pour 2A	Elongations out of tolerance – Pour 1Ea	Low grout cube 28-day compressive strength (Set numbers 402, 403, 410, 411, 414, 416, 420, 424, 425, 426, 427)	Low grout cube 28-day compressive strength (Set numbers 476, 477, 478, 479, 495)	Reinforcing dowels required at Beam BP100	12/16/2010   12 vs. 14 tendons in Duct BT11, Beam PB-4	Elongations out of tolerance – Pour 1D	Tendon broke, Pour 1F, Duct BT15-1	Tendon broke, Pour 1F, Duct BT14-2
Date of Inspection	various	various	various	various	various	various	various	11/2010	12/16/2010	1/2011	1/6/2011	1/5/2011
Item Number		2	3	4	5	9	7	8	6	10	,ť	12

Resolution	Unresolved	Accepted by PB	Unresolved
Resolution Date		2/11/2011	
[ssue/Location]	Tendon U-22 exposed at surface, Pour 1C	Elongations out of tolerance – Pour 2D	Pour IH was not stressed within 96 hours after concrete placement. It is now fully stressed.  No other corrective action is available.
Date of Inspection	1/6/2011	2/2011	2/2011
Item Number	13	14	15



## TENOORIE ORDER

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

### Silver Spring Transit Center Montgomery County, Maryland

## Non Compliance Form (Updated 2-15-2011)

Issue/Location     Resolution     Resolution       Date     Date	Elongations out of tolerance – Pour 1A 10/6/10 Accepted by PB	Elongations out of tolerance – Pour 1B 10/15/10 Accepted by PB	Elongations out of tolerance – Pour 1C Accepted by PB	Elongations out of tolerance – Pour 2A 11/18/2010 Accepted by PB	Elongations out of tolerance – Pour 1Ea 12/7/2010 Accepted by PB	Low grout cube 28-day compressive strength       2/4/2011       Accepted by PB         (Set numbers 402, 403, 410, 411, 414, 416, 420, 424, 425, 426, 427)       Accepted by PB	Low grout cube 28-day compressive strength 2/4/20110 Accepted by PB (Set numbers 476, 477, 478, 479, 495)	Reinforcing dowels required at Beam BP100 11/24/10 Resolved - Dowels installed in accordance with PB response to RFI #656	12 vs. 14 tendons in Duct BT11, Beam PB-4 1/28/2011 Accepted by PB	Elongations out of tolerance – Pour 1D 1/28/2011 Accepted by PB	Tendon broke, Pour 1F, Duct BT15-1	
Issue/Locat	Elongations out of tolerance	Elongations out of tolerance	Elongations out of tolerance	Elongations out of tolerance	Elongations out of tolerance	Low grout cube 28-day comp (Set numbers 402, 403, 410, 424, 425, 426, 427)	Low grout cube 28-day comp (Set numbers 476, 477, 478,	Reinforcing dowels required	12 vs. 14 tendons in Duct BT	Elongations out of tolerance	Tendon broke, Pour 1F, Duc	Tendon broke Pour 1F Duct RT
Date of Inspection	various	various	various	various	various	various ]	various	11/2010	12/16/2010	1/2011	1/6/2011	1/5/2011
Item Number		2	3	4	5	9	7	8	6	10		1.0

Resolution	Unresolved	Accepted by PB	
Resolution Date		2/11/2011	
Issue/Location	Tendon U-22 Exposed at surface, Pour 1C	Elongations out of tolerance – Pour 2D	
Date of Inspection	1/6/2011	2/2011	
Item Number	13	14	

\Server\jobs\16000 to 16099 Contract Folders\16027-0 Silver Spring Transit Center\Inspection\Non Compliance Form 2-15-11.doc



## TENORES & BELLEVILLE

Geofechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

### Silver Spring Transit Center Montgomery County, Maryland

## Non Compliance Form (Updated 1-31-2011)

Resolution	Accepted by PB	Unresolved - awaiting 28 day test breaks in accordance with RFI #686, due on 2/3/11.	Unresolved - awaiting 28 day test breaks in accordance with RFI #686, due on 2/3/11.	Resolved - Dowels installed in accordance with PB response to RFI #656	Accepted by PB	Accepted by PB	Unresolved	Unresolved	Unresolved				
Resolution Date	10/6/10	10/15/10	11/11/10	11/18/2010	12/7/2010	12/21/2010	12/21/2010	11/24/10	1/28/2011	1/28/2011			
Issue/Location	Elongations out of tolerance – Pour 1A	Elongations out of tolerance – Pour 1B	Elongations out of tolerance – Pour 1C	Elongations out of tolerance – Pour 2A	Elongations out of tolerance – Pour 1Ea	Low grout cube 28-day compressive strength (Set numbers 402, 403, 410, 411, 414, 416, 420, 424, 425, 426, 427)	Low grout cube 28-day compressive strength (Set numbers 476, 477, 478, 479, 495)	Reinforcing dowels required at Beam BP100	12 vs. 14 tendons in Duct BT11, Beam PB-4	Elongations out of tolerance – Pour 1D	Tendon broke, Pour 1F, Duct BT15-1	Tendon broke, Pour 1F, Duct BT14-2	13 1/6/2011 Tendon U-22 Exposed at surface, Pour 1C
Date of Inspection	various	various	various	various	various	various	various	11/2010	12/16/2010	1/2011	1/6/2011	1/5/2011	1/6/2011
Item Number	<b>y</b>	2	3	4	5	9	7	&	6	10	Ţ	12	13

\\Server\jobs\16000 to 16099 Contract Folders\16027-0 Silver Spring Transit Center\Inspection\\Non Compliance Form 1-31-11.doc



## HE KODER D. BALLE CORDAN

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

### Silver Spring Transit Center Montgomery County, Maryland

## Non Compliance Form (Updated 1-11-2011)

Day 150	te of Issue/Location Resolution Resolution Coction	us Elongations out of tolerance – Pour 1A 10/6/10 Accepted by PB	us Elongations out of tolerance – Pour 1B 10/15/10 Accepted by PB	us Elongations out of tolerance – Pour 1C 11/11/10 Accepted by PB	us Elongations out of tolerance – Pour 2A Unresolved	us Elongations out of tolerance – Pour 1Ea Unresolved	us Low grout cube 28-day compressive strength (Set numbers 402, 403, 410, 411, 414, 416, 420, 424, 425, 426, 427)	us Low grout cube 28-day compressive strength Unresolved (Set numbers 476, 477, 478, 479, 495)	Nowels installed in accordance with PB response to RFI #656	5/2010 12 vs. 14 tendons in Duct BT11, Beam PB-4 Unresolved. New inspection checklist created.	11 Elongations out of tolerance – Pour 1D Unresolved	O11 Tendon broke, Pour 1F, Duct BT15-1 Unresolved	
	Date of Inspection		various Elc	various Elc	various Elc	various Elc	various Lo	various Lo	11/2010 Re	12/16/2010 12	1/2011 Elc	1/6/2011 Te	



## AFROUGH BENEFIT OF THE

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

### Silver Spring Transit Center Montgomery County, Maryland

## Non Compliance Form (Updated 12-14-2010)

Resolution	Accepted by PB	Accepted by PB	Accepted by PB	Unresolved	Unresolved	Unresolved	Unresolved	Dowels installed in accordance with PB response to RFI #656			ance Form 12-14-10.doc
Resolution Date	10/6/10	10/15/10	11/11/10					11/24/10			 on\Non Complia
Issue/Location	Elongations out of tolerance – Pour 1A	Elongations out of tolerance – Pour 1B	Elongations out of tolerance – Pour 1C	Elongations out of tolerance – Pour 2A	Elongations out of tolerance – Pour 1Ea	Low grout cube 28-day compressive strength (Set numbers 402, 403, 410, 411, 414, 416, 420, 424, 425, 426, 427)	Low grout cube 28-day compressive strength (Set numbers 476, 477, 478, 479, 495)	Reinforcing dowels required at BP100 beam			\Serverljobs\16000 to 16099 Contract Folders\16027-0 Silver Spring Transit Center\Inspection\Non Compliance Form 12-14-10.doc
Date of Inspection	various	various	various	various	various	various	various	11/2010			1000 to 16099 Co
Item Number		2	8	4	5	9	7	8		A. S.	\\Server\jobs\16



## TE ROBERT S. BALLER COMPAN

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

### Silver Spring Transit Center Montgomery County, Maryland

## Non Compliance Form (Updated 12-2-2010)

Resolution	Accepted by PB	Accepted by PB	Accepted by PB	Unresolved	Umresolved	Unresolved				m 12-2-10,doc
u	Acce	Acc	Acce	Unre	Umre	Unre	 			 iance For
Resolution Date	10/6/10	10/15/10	11/2/10							Non Compl
Issue/Location	Elongations out of tolerance – Pour 1A	Elongations out of tolerance – Pour 1B	Elongations out of tolerance – Pour 1C	Elongations out of tolerance – Pour 2A	Elongations out of tolerance – Pour 1E	Low grout cube 28-day compressive strength (Set numbers 402, 403, 410, 411, 414, 416, 420, 424, 425, 426, 427)				\Server\iobs\16000 to 16099 Contract Folders\16027-0 Silver Spring Transit Center\Inspection\Non Compliance Form 12-2-10 doc
Date of Inspection	various	various	various	various	various	various				000 to 16099 Cc
Item Number	-	2	3	4	5	9				\\Server\iobs\16



### THE REPORT OF BALTER COMPANY

Geolechnical and Geo-environmental Engineers Construction Meterials Testing and Inspection Page \_\_\_\_ of \_\_\_ Date: <u>/2/3/20/0</u>

### www.BALTERco.com

### POST TENSIONED CONCRETE DECK INSPECTION REPORT

Project:	Silver Spring Transit Center	Contract No.:	16027-0
Location	of Pour: 26		
Required	I Inspections:		
When	JC15 lines.	elevation with sufficient cover.  es. In the anchor, ring of anchorage devices, andard reinforcement,  hsions, bing and electrical penetrations  re helow mid-p	oint of slab through 140, ion @ live ends.
Parties N	otified: Tim Herbold, Grook Fo	ster, Facchina	
3alter Re	presentative: Tony Lord d	on Ted	20 244

COMPECTED PAINT TO POUR ON 12/7/10.

SHECT (J

### THE ROBERT B. BALTER COMPANY

### DAILY REPORT

Page \_\_\_ of \_\_\_

Project: Silver Spring Transit Center Contract No.: 16027-0  Client: Montgomery County Date: 12/7/2010  Contractors: Fouger-Pratt Weather: Clear Temps: 25:35  Type of Inspections: Inspection of post-tensioning system installation
Tests Performed:  Samples Sent for Testing:  Contacts: Tim Her bold, Scott Hamilton, Brook Foster, Doyg Goetz
summary of today's work: Fracchina: 1. Completed placement of temdons and associated reinforcement for pour 26. All non-compliances were corrected (see deck inspection report).  Placement was completed as per VSL and structural drawings, and email from Doug Lang of RB dated 12/6/10 regarding 4 uniform kindons 475-78.  2. Pumped concrete for pour 26, 1:00 am = 5:30 pm.  The Robert BBalter' Co, employed to inspectors (at testing station, concrete pump, and on deckin concrete guantity.  1.170 cubic yards. Concrete was tested for slump, AE, temp, and w/C ratio. All concrete placed was within project specifications. Underside of deckwas tented and
heated betoile, during, and after concrete placement. Heat is scheduled for 3 days, Slab was covered with poly sheets followed by insulated blankets. Then theight sets of concrete test cylinders were cast. Three sets of test cylinders were cast at pump discharge, others were cast at testing station and placed in curing shed and field-cured cylinder storage location. See report by John Welk for additional information.
Verification: Hours: Reg & OT # Inspector: Tony Lord INFORMATION IS SUBJECT TO FINAL REVIEW: Supervisor: PE:



### THE ROBERT S. BALTER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection Page \_\_\_\_ of \_\_\_

### www.BALTERco.com

### POST TENSIONED CONCRETE DECK INSPECTION REPORT

Location of Pour:	
Required Inspections:	
Location, spacing, orientation, and number of tendons and ducts. Condition of tendons and ducts. Repair of damaged ducts. Duct high and low points (profiles) at the correct elevation with sufficient conformation of tendons and low locations. Duct adequately secured for entire length. Duct chairs installed properly. Connection between ducts and anchorage devices. Fixed end wedges evenly and adequately seated in the anchor. Location, installation, condition, and proper securing of anchorage devices. Installation of backup bars, hairpins, and other standard reinforcement. Installation of pocket formers. Deck clean and free of debris. Formwork has correct shape, location, and dimensions. Verify minimum separation from tendons to plumbing and electrical penetral	
Notes: Four Hendons were approx. 1" below 5" CGS PB-66 (U-75,76,77,78), Per email from SER these were placed as high as possible.	Olive end over Doug Long,
Non-Compliant Issues: All were corrected that we	re listellou
previous deck inspection reports.	
Parties Notified:	
Balter Representative: Tony Lord	



### THE ROBERT W. BALTER COMPANY

Geolechnical and Geo-environmental Engineers Construction Materials Testing and Inspection Page 10 / O

### www.BALTERco.com

### POST TENSIONED CONCRETE DECK INSPECTION REPORT

Project: Silver Spring Transit Center	Contract No.: 16027-0
Location of Pour: 10 level 330, between	AVC-183.2
Required Inspections:  Location, spacing, orientation, and number of tendons and duct Condition of tendons and ducts.  Repair of damaged ducts.  Duct high and low points (profiles) at the correct elevation with Grout vents at proper high and low locations.  Duct adequately secured for entire length.  Duct chairs installed properly.  Connection between ducts and anchorage devices.  Fixed end wedges evenly and adequately seated in the anchor Location, installation, condition, and proper securing of anchorage installation of backup bars, hairpins, and other standard reinform Installation of pocket formers.  Deck clean and free of debris.  Formwork has correct shape, location, and dimensions.  Verify minimum separation from tendons to plumbing and elections.	sufficient cover.  age devices. cement.
Non-Compliant Issues:	
Parties Notified: 10 1 Payen See RBB. Co. d	laily report
Parties Notified:  Brady Payen See RB.  Brady Payen See RB.  Balter Representative: Tany Loyd American See RB.	. Welk



By:

Douglas Lang, PE

Date:

December 15, 2010 (Site observations December 15, 2010)

This is to document PB observations and discussions on site. The focus of observations was primarily with regard to the completion of work required in preparation for Pour 1D initial area of concrete placement at Level 330. The following items were observed and discussed with F-P, Facchina, Montgomery County and Balter.

Pour 1D area was observed in progress and nearing completion of tendon and bar
placement. PB will review construction, note the progress and identify areas where specific
attention is required based on the conditions observed. See Photos 1, 2, and 3 for overview.

Bottom bars for slab construction appear to be in place at appropriate size and spacing.

Areas were noted where bars need to be secured. Securing of slab tendons at locations

crossing beams was in progress.

Work is in progress finishing installation of tendons in ducts and placing slab top bars. Slab

top bar placement was approximately 80 percent complete.

Beam and girder main reinforcing from Grid B and to the plan north appeared to be nearly complete with work being completed near column A9-1.1 and along the pour joint with area 1C. Installation of final girder stirrup bars was in progress in this area. Much of the

reinforcing in the small portion of Pour 1D south of Grid B, through the Elevator lobby area between Grids B and C, 2 and 3, and, south of Grid C has not yet been completed.

36-20-10

 Beam tendon splices at the joint with area 1C have not yet been completed. Tendons must still be locked into the wedges at the splice, the encasing steel cone must be secured in place and the duct secured to the steel cone. See Photo 4.

BP 10-10

Shrinkage and Temperature (S&T) Tendon placement appeared to be nearly complete and it appeared that the tendons have been locked into the wedges at the joint to area 1C however the S&T tendons that dead end at the joint must be set and secured in the form and all of the duct to splice and duct to dead end anchor connections must be secured.

BP 12.20-10

Slab diagonal band S&T tendon installation was in progress. Ducts appeared to be in place but tendons have not yet been installed in all of those ducts.

 Noted that adjacent to A2-1.9, there is a main slab tendon dead end anchor on the first short tendon that currently is set too high. It appeared that it may be possible to insert it into the side of the girder.

J.W. 20-10.

Noted that at the north end of PG-21, the second layer of the top steel should be adjusted to align and space the bars. Noted also that while workers were blowing debris out of the forms, the bottom of PG-21 was covered in a thick layer of snow and sawdust.

J.W. 10.10°

Noted that there are several stirrups extending up significantly above the slab near the south end of PG-21.

8.12-20-10

Noted that in the location where PB-33A "F" bars lap to PG-29 "C" bars, all of these bars are tight side to side with insufficient space between the bars for concrete to pass through. The

1



PB-33A "F" bars should be spread to locate several in slab adjacent to the beam and those lapped may be placed with the "F" bar under the corresponding "C" bar. See Photo 5.

1.13.30 11

Noted that where PG-2 "C" bars and PG-3 "C" bars lap in the PG-3 span, the bars are somewhat side to side with insufficient space. It appeared that effort had been made to place the bars posititioned stacked vertically and this would be acceptable. It may be necessary to place short pieces of #11 bar vertically between the main bars to maintain the proper spacing. See Photo 6.

10-20-10.

- Noted that additional corner reinforcing required per 10/S4.03 had not yet been installed at the corner at column A-2 and must be installed. See Photo 7.
- Noted that several diagonal S&T tendons have slight "S-shaped" curve in plan and should be straightened as much as possible.
- Noted that reinforcing for perimeter barrier walls is not yet in place.
- · Generally, reinforcing installation needs to be completed as described above and as follows:
  - o Review and installation / adjustment of beam and girder stirrups.
  - Final review of slab PT ducts spacing, alignment, clearance to edges and sleeves, and elevation / profile.
  - Installation of additional reinforcing around sleeves / slab penetration.
  - Verification/installation of back-up bars at slab PT anchors
  - Any corrections in response to Balter inspections.

Items that were not specifically discussed during on-site observations, that should also be addressed -

BB

Reminder to locate the slab dead end anchors at the mid-depth of the slab (5" from top and bottom). Identify and address "high" positions.



- Reminder that slab tendons must stay on the scheduled profiles (elevations along the length of the slab span) and that most of the slab tendon high points over beams are 2 ½" down from the top of the slab / 7 ½" up from the bottom of the slab. Accounting for the size of the duct and using up the full tolerance on vertical position, the top of the duct should not be closer than 1 3/8" below the top of the slab. F-P has made a template to check that this dimension is held. Where necessary, the beam top bars need to be slightly adjusted down to hold the slab PT in the appropriate elevation.
- Elevations of formwork, system for maintaining required design elevations at the top of the concrete, and system for maintaining typical concrete thickness at 10" should be verified by all parties.



Location, layout and installation of slab depression, including the supplemental reinforcing for depressed area, for later placement of the bottom edge of curb ramp must be completed.



## Additional discussions and observations included:

Observed, with F-P, Facchina, WMATA and MTA that Pour 2B slab surface finish has issues that are unacceptable for work going forward and will be recorded for future review and evaluation to determine remedial action if required. Issues noted included numerous narrow surface cracks that appear somewhat like spiderwebs, foot prints, and at least one location where small ridge was created by broom during finishing. See Photos 8 and 9.

#### Field Observation Comments



By:

Douglas Lang, PE

Date:

December 28, 2010 (Site observations December 28, 2010)

This is to document PB observations and discussions on site. The focus of observations was primarily with regard to the completion of work required in preparation for Pour 1F area of concrete placement at Level 330. The following items were observed and discussed with F-P, Facchina, Montgomery County and Balter.

- Pour 1F area was observed as placement of reinforcing and post-tensioning tendon ducts was being completed and Balter was in the process of performing the pre-final inspection of reinforcing bar locations and quantities including the types and positions of beam and girder stirrups. Installation of electrical conduit also appeared to be nearly complete. See Photos 1 and 2 for overview. See Photos 3 for typical conduit installation and Photo 4 for conduit condition at expansion joint at grid 6.
- Bottom bars for slab construction appear to be in place at appropriate size and spacing. Securing of slab tendons at locations crossing beams also appeared to be essentially complete with minor adjustments in progress.
- Ducts for all post-tensioning appeared to be in place. Installation of tendons through girder ducts at grid 6 has not yet been started and the ducts and fittings at the plan north end coupler have not been installed. Installation of tendons into all ducts must be checked prior to pour.
- Slab top bar placement appeared to be essentially complete with minor adjustments in progress.

OK 1235pm

PB discussed with F-P, Facchina and Balter that stirrups in the cantilevered girder PG-9 are scheduled to be Type 4 (6 vertical legs) spaced at 6" full length and that only 4 vertical legs had been installed at this time. We discussed that the two additional internal legs could be installed with the standard set of stirrups at 6" spacing with hooks pointed opposite of the single leg stirrups that had been installed, or, they could be placed between the standard sets with the same orientation as the single legs that are already installed (the single leg stirrups would be at 3" spacing, all aligned).

NK 12:37pm

- Also discussed with the team that at cantilever girder PG-9, the tendon ducts that extend through the column and completely to the end of the cantilever need to have a very smooth transition laterally in plan to reach the end of the cantilever. The group reviewed the condition and Facchina adjusted the top duct to smooth the transition and align with tendon duct below. Discussed that 5#10 PG-9 top bars stop in column D-6 and one of the 9#10 PG-9 top bars that extend to the end of the cantilever will be located in the adjacent small slab cantilever. Additionally we discussed that the slab cantilever beside the girder will be reinforced essentially as shown in 3/S4.05 for a similar condition. Reinforcing will be either #5@12" or #4 @ 8" "hairpin" bars.
- Observed the locations at grid 8 and near grid 9 where stair enclosures will be anchored during this project or in the future. The embedded plate and reinforcing assemblies with anchor bolts at the plan south edge of the structure were in place, but the anchor bolts at the

\* NEED TO INSTALL 3 #5 VERTICAL BARG BEPARADER WALL "D" LIME BENETH COLUMNS 6/7 1

OK 2:33prin - \* MEED LO PAPE Y ENGRALIED AT PE DO CONSTRUCTSON FOILY END.

OK - \* NEED | TYPE 4 ENSTALLED AT 16 5 @ CONSTRUCTED JULINY EMD.

12:57pm

\*\*NEED | TYPE 4 ENSTALLED AT 165 0 D MAKE MED.



plan north bearing points for the enclosures have not yet been installed. At the embedded plate and reinforcing assemblies, reinforcing bars should extend up from the top of main structure to anchor the concrete that will be directly under the bearing plate assembly per previous correspondence. See Photos 5 and 6 for areas where enclosure anchor bolts installation must be completed.

Generally, reinforcing installation needs to be completed as described above and as follows:

∂K—o Review and installation / adjustment of beam and girder stirrups.

 Final review of slab PT ducts spacing, alignment, clearance to edges and sleeves, and elevation / profile.

OK- o Installation of additional reinforcing around sleeves / slab penetration.

OK-0 Verification/installation of back-up bars at slab PT anchors

Any corrections in response to Balter inspections.

Items that were not specifically discussed during on-site observations, that should also be addressed -

Reminder to locate the slab dead end anchors at the mid-depth of the slab (5" from top and bottom). Identify and address "high" positions.

Reminder that slab tendons must stay on the scheduled profiles (elevations along the length of the slab span) and that most of the slab tendon high points over beams are 2 ½" down from the top of the slab / 7 ½" up from the bottom of the slab. Accounting for the size of the duct and using up the full tolerance on vertical position, the top of the duct should not be closer than 1 3/8" below the top of the slab. F-P has made a template to check that this dimension is held. Where necessary, the beam top bars need to be slightly adjusted down to hold the slab PT in the appropriate elevation.

Elevations of formwork, system for maintaining required design elevations at the top of the concrete, and system for maintaining typical concrete thickness at 10" should be verified by all parties.

Location, layout and installation of slab depression, including the supplemental reinforcing for depressed area, for later placement of the bottom edge of curb ramp must be completed.

Additional discussions and observations included:

F-P, Facchina, noted to the team including WMATA and MTA that Pour 1D stressing is in progress and that beam elongations have generally been slightly low during the initial stressing and would be reviewed by VSL. Facchina also noted that tendon BT-11 for a PB 4 (a beam that extends on continuous to PB-5 and others) was placed with only 12 tendons instead of the 14 tendons that had been detailed and approved on the shop drawings. The situation is under overall QC review and VSL is reviewing to provide both the effective force that would be provided by the tendon as it exists and for a condition where the 12 tendons would be stressed to a greater initial force. PB will review the design for both conditions and provide response / recommendation.



### BALTER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection Page \_ / \_ of \_ /

Date: 10/30/2010

### www.BALTERco.com

# POST TENSIONED CONCRETE DECK INSPECTION REPORT

Project: Silver Spring Transit Center	Contract No.: 16027-0
Location of Pour: Pour 1 F, 330' Level	
Location, spacing, orientation, and number of tendons and duct Condition of tendons and ducts.  Repair of damaged ducts.  Duct high and low points (profiles) at the correct elevation with Grout vents at proper high and low locations.  Duct adequately secured for entire length.  Duct chairs installed properly.  Connection between ducts and anchorage devices.  Fixed end wedges evenly and adequately seated in the anchor.	sufficient cover.
Location, installation, condition, and proper securing of anchoral Installation of backup bars, hairpins, and other standard reinford Installation of pocket formers.  Deck clean and free of debris.  Formwork has correct shape, location, and dimensions.  Verify minimum separation from tendons to plumbing and electronses.	age devices. cement.
Non-Compliant Issues:	
	A Part of the Control
Parties Notified:	
Balter Representative: Tony Lord John Welk	

# RBB Co. Corrections needed to be done for 2C 350 level concrete deck pour

- 1.) PG-45, stirrup spacing type (2) should be 12" not 16"
- 2.) PG-45 Stirrups need tops(dogs) placed on them from c to D"
- 3.) Reinforcing steel touching edge forms @ column A-5
- 4.) Need to add additional reinforcing steel as per (SER) Doug Lang where epoxy coated reinforcing steel was gouged by cutting saw @ PB56/PB-57 d PG-46
  - 5.) Need additional reinforcing steel added for sleeves @ PG143 & PG144
    - 6.) Need to install corner bars as per (detail Note) @ column lines C-5 & C-6
- 7.) Install (5) # 9 Bars between deck pours 2C & 2D level 350' C beams PB-56, PB-62, PB-71, PB-71, PB-97, PB103 | PB111
- 8.) Additional reinforcing steel (as per detail) needed for drains (diagonal Bars)
  - 9.) Reinforcing steel touching deck forms @ drain near line "A". 1-5



## THE ROSSICE OF BALTER COMPANY

Geolacimical and Geo-environmental Engineers Construction Materials Testing and Inspection

Page _	of	
Date:	1/12	/2011

#### WWW.BALTERCO.com

## POST TENSIONED CONCRETE DECK INSPECTION REPORT

Project:	Silver Spring Transit Center	Contract No	.:16027-0
Location	n of Pour: Pour 2 C		
Require	d Inspections:		
Notes:	Location, spacing, orientation, and number Condition of tendons and ducts. Repair of damaged ducts. Duct high and low points (profiles) at the Grout vents at proper high and low locat Duct adequately secured for entire lengt Duct chairs installed properly. Connection between ducts and anchorative end wedges evenly and adequate Location, installation, condition, and profinstallation of backup bars, hairpins, and Installation of pocket formers. Deck clean and free of debris. Formwork has correct shape, location, at Verify minimum separation from tendons	correct elevation with sufficient coverions.  h.  ge devices.  ly seated in the anchor,  per securing of anchorage devices.  I other standard reinforcement.  and dimensions.  s to plumbing and electrical penetrations.	ons. + ost cas
1/0)	VOL drawings to	n a number of	Y CON MITORIA
······································	mpliant Issues:		
$\mathcal{D}^{o}$		- Pratt)	er (Coulger Pratt)  Je SHEET 13



## THE REPORT B. BALTER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

Page of
Date: 1/13/2011

#### WWW.BALTERco.com

## POST TENSIONED CONCRETE DECK INSPECTION REPORT

Pro	ct: Silver Spring Transit Center	Contract No.:	16027-0
Loc	ion of Pour: 2 C elev. 350		
Red C C C C C C C C C C C C C C C C C C C	Location, spacing, orientation, and number of tendons and due Condition of tendons and ducts. Repair of damaged ducts. Duct high and low points (profiles) at the correct elevation with Grout vents at proper high and low locations. Duct adequately secured for entire length. Duct chairs installed properly. Connection between ducts and anchorage devices. Fixed end wedges evenly and adequately seated in the ancho Location, installation, condition, and proper securing of anchor Installation of backup bars, hairpins, and other standard reinfor Installation of pocket formers. Deck clean and free of debris. Formwork has correct shape, location, and dimensions. Verify minimum separation from tendons to plumbing and elections.  Covvector	r. rage devices. rcement.	
<del>- ~~~</del>	regort)		
		***************************************	
Non	ompliant Issues:		
		······································	
*********			
<del></del>			
Parti	Notified:		
Balte	Representative: Your Red	_	



By:

Douglas Lang, PE

Date:

January 13, 2011 (Site observations January 13, 2011)

This is to document PB observations and discussions on site. The focus of observations was primarily with regard to the completion of work required in preparation for Pour 2C area of concrete placement at Level 350. The following items were observed and discussed with F-P, Facchina, Montgomery County and Balter.

1-13-11

Pour 2C area was observed as placement of reinforcing and post-tensioning tendon ducts was nearing completion and Balter was in the process of performing the follow-up inspections to their pre-final inspection of reinforcing bar locations and quantities including the types and positions of beam and girder stirrups. Installation of electrical conduit also appeared to be nearly complete. See Photos 1 and 2 for overview.

J.W. ..

- Top and bottom bars for slab construction appear to be in place at appropriate size and spacing. Some installation of supplemental reinforcing for sleeves, slab corners, and drains remained to be completed. Securing of slab tendons at locations crossing beams also appeared to be essentially complete with minor adjustments in progress.
- Ducts for all post-tensioning appeared to be in place. Slab tendon anchors were being completed at two tendons at the plan northeast corner of the pour area.

J.W.

 PB discussed with F-P, Facchina and Balter locations where girder top bars at grid A column had been nicked during cutting of column top bars. Nicks were approximately 1/8" x 3/16" and F-P / Facchina spliced a #5 bar across the damaged area to replace steel area. Nicks were coated with epoxy repair material. PB observed that column bar cut-off was still being completed at column B-4.

T.L.

- Discussed that the slab tendons in short slab spans adjacent to planters may be placed with the bottom of the tendon at 4" to 5" above the bottom of the slab. See Photo 3.
- Installation of barrier bars is on-going.

1/3/11

Balter noted and PB observed beam tendons crossing the girder at grid 4 have a profile that is too high and flat, particularly on the plan east side. Balter noted that Facchina had been alerted about the condition and it would be re-checked.

1/13/11

Balter noted that beam post-tensioning dead end anchors at the expansion joint at grid 6 were consistently low by 1" to 2". Facchina alerted to bring up to design location, typical.

The horizontal position of the tendon duct in PB-104 from grid 5 to grid 6 was not centered and had some curve. Facchina was alerted.

One shrinkage and temperature tendon between PB-77 and PB-98 had a large sweep and should be straightened. See Photo 4.

Steel bearing plate at the plan south end of the expansion joint along grid 6 had a gap of approximately ½" to the next plate. Plate needs to be adjusted to eliminate gap. See Photo 5

W-14-11 9

unable to close gap up between plates gap was sealed up with sica laytex scalant

1



W1-13-11

- Generally, reinforcing installation needs to be completed as described above and as follows:
  - Review and installation / adjustment of beam and girder stirrups.
  - Final review of slab PT ducts spacing, alignment, clearance to edges and sleeves, and elevation / profile.
  - Installation of additional reinforcing around sleeves / slab penetration.
  - Verification/installation of back-up bars at slab PT anchors
  - Any corrections in response to Balter inspections.

Items that were not specifically discussed during on-site observations, that should also be addressed -

- Reminder to locate the slab dead end anchors at the mid-depth of the slab (5" from top and bottom). Identify and address "high" positions.
- Reminder that slab tendons must stay on the scheduled profiles (elevations along the length of the slab span) and that most of the slab tendon high points over beams are 2 ½" down from the top of the slab / 7 ½" up from the bottom of the slab. Accounting for the size of the duct and using up the full tolerance on vertical position, the top of the duct should not be closer than 1 3/8" below the top of the slab. F-P has made a template to check that this dimension is held. Where necessary, the beam top bars need to be slightly adjusted down to hold the slab PT in the appropriate elevation.
- Elevations of formwork, system for maintaining required design elevations at the top of the concrete, and system for maintaining typical concrete thickness at 10" should be verified by all parties.
- Location, layout and installation of slab depression, including the supplemental reinforcing for depressed area, for later placement of the bottom edge of curb ramp must be completed.



## THE ECSERY S. BALTER COMPANY

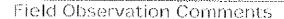
Geolechnical and Geo-environmental Engineers Construction Malerials Testing and Inspection

Page_	1	of		
Date: _	18	120	7/2	01/

### www.BALTERco.com

## POST TENSIONED CONCRETE DECK INSPECTION REPORT

	Project: Silver Spring Transit Center	Contract No.: 16027-0
	Location of Pour: Pour 2D /	evel 350
J WA	Required Inspections:  Location, spacing, orientation, and number Condition of tendons and ducts.  Repair of damaged ducts.  Duct high and low points (profiles) at the Grout vents at proper high and low located Duct adequately secured for entire length Duct chairs installed properly.  Connection between ducts and anchoraged Fixed end wedges evenly and adequated Location, installation, condition, and properly.  Installation of backup bars, hairpins, and Installation of pocket formers.  Deck clean and free of debris.  Formwork has correct shape, location, and Verify minimum separation from tendons.	correct elevation with sufficient cover. ions. h. ge devices. y seated in the anchor. per securing of anchorage devices. other standard reinforcement.
	-Detoris in heams, g	girders, and on deck, g. well
	Non-Compliant Issues:	
	Parties Notified:	
)	Balter Representative: Tony Lord	





₿у:

Douglas Lang, PE

Date:

January 26, 2011 (Site observations January 25, 2011)

This is to document PB observations and discussions on site. The focus of observations was primarily with regard to the status of work required in preparation for Pour 2D area of concrete placement at Level 350. The following items were observed and discussed with F-P, Facchina, Montgomery County and Balter.

Discussed that Facchina and VSL were working on Pour 1D, PG-4 tendon stressing review to provide VSL PE stamped and signed letter and calculations documenting that the PG-4 effective force as constructed will be at least 2250kips as they have indicated on the PT Evaluation Checklist that was provided after reinstallation and stressing of tendon GT-1 in that girder. Facchina anticipated having this for the team by 4PM.

 Pour 2D area was observed as placement of reinforcing was in progress and installation of slab post-tensioning tendon ducts was just being started. Balter was in the process of performing engoing review and inspection of reinforcing bar locations and quantities including the types and positions of beam and girder stirrups during the Installation. See Photos 1, 2 and 3 for everyiew.

 Bottom bars for much of the slab construction appear to be in place at appropriate size and spacing. Installation of the remaining bottom bars, and all top bars, supplemental reinfercing for sleeves, slab corners, and drains remained to be completed.

Discussed that adjacent to the Elevator 1 & 2 door sill area, one slab PT stressing head and
pocket too close to the slab notch for the middle steel elevator enclosure column. Pacchina
will switch positions with the adjacent embedded plate connection for the sill angle. See
Photograph #4.

 All work to complete preparation for Pour 2D needs to be completed with Balter inspectors performing on-going and Final inspections. Reinforcing installation needs to be completed as described above and as follows:

 $ec{ec{ec{ec{e}}}}$  a . Review and installation / adjustment of beam and girder longitudinal bars and stirrups.

Review of slab PT ducts spacing, alignment, clearance to edges and sleeves, and elevation / profile.

 ${\mathscr C}_{>0}$  . Installation of additional reinforcing around steeves / slab penetration.

Verification/installation of back-up bars at slab PT anchors

Any corrections in response to Balter inspections.

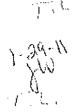
Items that were not specifically discussed during on-site observations, that should also be addressed  $\sim$ 

Reminder to locate the slab dead end anchors at the mid-depth of the slab (5" from top and bottom). Identify and address "high" positions.

1

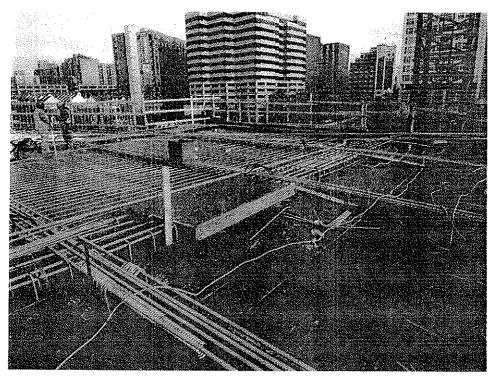
1-39-V

1-36-11





- Reminder that slab tendons must stay on the scheduled profiles (elevations along the length of the slab span) and that most of the slab tendon high points over beams are 2 ½" down from the top of the slab / 7 ½" up from the bottom of the slab. Accounting for the size of the duct and using up the full tolerance on vertical position, the top of the duct should not be closer than 1 3/8" below the top of the slab. F-P has made a template to check that this dimension is held. Where necessary, the beam top bars need to be slightly adjusted down to hold the slab PT in the appropriate elevation.
- Elevations of formwork, system for maintaining required design elevations at the top of the concrete, and system for maintaining typical concrete thickness at 10° should be verified by all parties.
- Location, layout and installation of slab depression, including the supplemental reinforcing for depressed area, for later placement of the bottom edge of curb ramp must be completed.



Photograph 1 - Pour 2D Progress - 9:00AM

# Reinforcement Pour 2D level 350' Deck Pour Steel

Punch list corrections needed to be done

to be tied (secured)

/ 2.) PG-40 additional "J"-hooks needed for type 4 stirrups

@ PG-40, (it would be sticking up through concrete if not lowered)

PG-40 & PB-70 area

5.) Several areas where bottom reinforcing steel bars (mat) are laying (touching) deck formwork

6.) Additional reinforcing steel (top & Bottom) needed around sleevese PG-38

## Field Observation Comments



By:

Douglas Lang, PE

Date:

February 7, 2011 (Site observations February 7, 2011)

This is to document PB observations and discussions on site. The focus of observations was primarily with regard to the status of work required in preparation for Pour 1G area of concrete placement at Level 330. The following items were observed and discussed with F-P, Facchina, Montgomery County and Balter.

/2-8-11

Pour 1G area was observed as placement of reinforcing was nearing completion. Facchina
was completing installation of curb reinforcing between grids 5 and 6. Installation of posttensioning tendon ducts appeared to be complete. Balter was in the process of performing
final review and inspection of post-tensioning ducts, including profiles, reinforcing bar
locations and quantities including the types and positions of beam and girder stirrups during
the Installation. See Photos 1, 2 and 3 for overview.

82-8-11

Main reinforcing of slabs beams and girders appeared to be complete.

JW-8-11

- Balter noted and we discussed that several slab main tendons crossing a wide beam, PB-43 appeared to have a small "dip" or slight low point over the beam. Balter measured the position of one of the ducts while I witnessed the measurement and the individual duct measured did not actually have the slight low point. Several were clearly visible and the condition should be corrected so that the tendons do not "dip" over the beams.
- At the time of initial observation, the canopy column anchor bolts immediately plan west of the expansion joint near column D-6 were not installed, but, installation was completed during my time on site.

82-8-11

 At the plan south end of PG-5 on grid 4, the spiral reinforcement around the top girder tendon stressing head was offset and must be centered on the tendon. See Photo 4.

82-8-4

 Observed beam dead end anchors adjacent to the expansion joint and it appeared that the supplemental reinforcement at the anchors had been installed. See Photo 5.

11.8.4)

- Noted that the special slab corner reinforcement at the south edge of cantilevered structure area between grids 5 and 6 appeared to be in place. See Photo 6.
- Electrician was finalizing conduit arrangement to suit spacing requirements and tying off the conduit.

Jrg-11

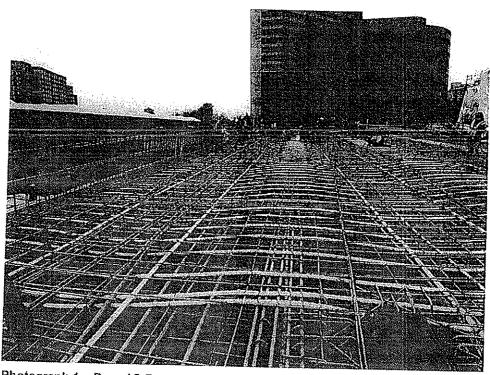
 Work to complete preparation for Pour 1G includes the items noted above and any items identified in Balter's final inspection.

Items that were not specifically discussed during on-site observations, that should also be addressed --

Reminder to locate the slab dead end anchors at the mid-depth of the slab (5" from top and bottom). Identify and address "high" positions.



- Reminder that slab tendons must stay on the scheduled profiles (elevations along the length of the slab span) and that most of the slab tendon high points over beams are 2 ½" down from the top of the slab / 7 ½" up from the bottom of the slab. Accounting for the size of the duct and using up the full tolerance on vertical position, the top of the duct should not be closer than 1 3/8" below the top of the slab. F-P has made a template to check that this dimension is held. Where necessary, the beam top bars need to be slightly adjusted down to hold the slab PT in the appropriate elevation.
- Elevations of formwork, system for maintaining required design elevations at the top of the concrete, and system for maintaining typical concrete thickness at 10" should be verified by all parties.
- Location, layout and installation of slab depression, including the supplemental reinforcing for depressed area, for later placement of the bottom edge of curb ramp must be completed.



Photograph 1 - Pour 1G Progress - 12 Noon

# Pour 16 level 330' Deck Pour

- (1.) Spacing of type (4) stirrups need to be corrected from 14"/16" to 10" @ PG-5 right end
- 2) Also need (1) additional type (4) stirrup added @ PG-5 near "c" line
- 3.) Need (1) additional type (3) stirrup added @ PG-2 toward "c"-line
- 4.) Need (2) additional vertical #5 reinforcing bars for wall between column lines 4 \$ 5
- 5.) At PG-6c (1) top (doy) reinforcing bar for type (2) stirrups is missing, needs to be added
  - (6.) Final clean up of deck & beams, girders
- Touching edge forms, or laying on (bottom) deck formwork need proper clearance



## WARRANT BALTER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection Page \_\_\_\_\_ of \_\_\_\_\_

## www.BALTERco.com

# POST TENSIONED CONCRETE DECK INSPECTION REPORT

Project: Silver Spring Transit Center	Contract No.: 16027-0
Location of Pour 1 G, 330 Level	
Required Inspections:	
Location, spacing, orientation, and number of tendons and ducts.  Repair of damaged ducts.  Duct high and low points (profiles) at the correct elevation with Grout vents at proper high and low locations.  Duct adequately secured for entire length.  Duct chairs installed properly.  Connection between ducts and anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage leading of anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage leading of anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.  Fixed end wedges evenly and adequately seated in the anchorage devices.	sufficient cover. r. age devices. rcement,
Non-Compliant Issues:	
Parties Notified:	
Balter Representative: Word, Welk	



Ely:

Douglas Lang, PE

Date:

February 16, 2011 (Site observations February 16, 2011)

This is to document PB observations and discussions on site. The focus of observations was primarily with regard to the status of work required in preparation for Pour 1H area of concrete placement at Level 330. The following items were observed and discussed with F-P, Facchina, Montgomery County and Balter.

1.2.42-11

Pour 1H area was observed as placement of reinforcing and post-tensioning was in progress. Installation of slab uniform post-tensioning tendon ducts appeared to be nearing completion with work being done near column C-2. Balter was performing pre-final review and inspection of post-tensioning ducts, including profiles, reinforcing bar locations and quantities including the types and positions of beam and girder stirrups during the installation. See Photos 1, 2 and 3 for overview.

J. 3-12-11

 Main bottom reinforcing of slabs, beams and girders, and main top reinforcing in beams and girsders, appeared to be complete. Work was on-going for installation of slab top bars, final beam and girder stirrups and barrier wall bars.

2/11/11

 Stab diagonal band, mid-depth tendon ducts and tendons were being placed and were not complete at noon. See Photo 4.

 Slab temperature ducts and tendons that run parallel to and between the beams were started at two locations and remaining majority had not been started.

J. 17-11

Work was in progress to complete reinforcing that will extend into stressing pockets for girders PG-31 adjacent to PG-33, and for PG-33 at column C8-1.3.

2/17/11

Noted that one of the PG-33 tendon ducts had noticeable S-shaped sweep. Discussed with Facchina and Balter that the duct should not be S-shaped but just a single smooth curve to allow the duct to drop toward the bottom of the girder.

JW -17-11

At C1-1.1, the PG-30 extended end was to have included extension of 4 of the #10 girder top bars, but these were hooked into the column. Several smaller bars had been lapped on to extend into the extension. After review, PB informed F-P, Facchina and Balter that 8#7 or 12#6 bars should be used in the extension. See Photo 5

 During initial review, there were several conduit spaced too close together near column D-2, but this condition had been corrected by 11:00AM.

T.L., 2/17/11

Balter noted and we discussed that the slab uniform stressing heads and blockouts are mounted square to the sloped edge of the slab. This angles the tendons down as they enter the slab and the tendons then have a "hump" over the first support bar. Having the tendon profile down slightly is acceptable but the S-shaped "hump" is not. The solution is to slightly lower and move the first support bar inward to allow the tendon to have a smooth profile. See Photo 6.

J.W. "

Work to complete preparation for Pour 1H includes the items noted above and any items identified in Balter's final inspection.

.]

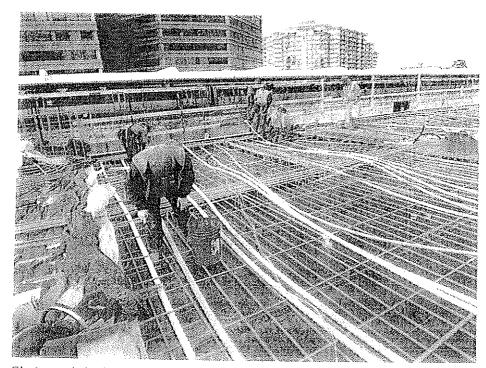


Items that were not specifically discussed during on-site observations, that should also be addressed --

T.L.\* 2/17/11/3 Reminder to locate the slab dead end anchors at the mid-depth of the slab (5" from top and bottom). Identify and address "high" positions.

Reminder that slab tendons must stay on the scheduled profiles (elevations along the length of the slab span) and that most of the slab tendon high points over beams are  $2\,\%$  down from the top of the slab /  $7\,\%$  up from the bottom of the slab. Accounting for the size of the duct and using up the full tolerance on vertical position, the top of the duct should not be closer than 1 3/8" below the top of the slab. F-P has made a template to check that this dimension is held. Where necessary, the beam top bars need to be slightly adjusted down to hold the slab PT in the appropriate elevation.

- Elevations of formwork, system for maintaining required design elevations at the top of the concrete, and system for maintaining typical concrete thickness at 10" should be verified by all parties.
- Location, layout and installation of slab depression, including the supplemental reinforcing for depressed area, for later placement of the bottom edge of curb ramp must be completed.



Photograph 1 - Pour 1H Progress - 9:30 AM



## THE SECOMPANY BALTER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection Page \_\_\_\_ of \_\_\_\_

Date: 2-17-11

### www.BALTERCO.com

# POST TENSIONED CONCRETE DECK INSPECTION REPORT

Project: Silver Spring Transit Center	Contract No.: 16027-0
Location of Pour: 1H elevation 330 / level	
Required Inspections:  Location, spacing, orientation, and number of tendons and Condition of tendons and ducts. Repair of damaged ducts. Duct high and low points (profiles) at the correct elevation Grout vents at proper high and low locations. Duct adequately secured for entire length. Duct chairs installed properly. Connection between ducts and anchorage devices. Fixed end wedges evenly and adequately seated in the and Location, installation, condition, and proper securing of and Installation of backup bars, hairpins, and other standard results installation of pocket formers. Deck clean and free of debris. Formwork has correct shape, location, and dimensions. Verify minimum separation from tendons to plumbing and experiments.	with sufficient cover.  achor. chorage devices. binforcement.
Non-Compliant Issues:	
Parties Notified:	
Balter Representative: John J. Welle (10)	reflect

1.) At PG-32 from C-2 line missing (top dog legs) for type (H) stirrups

2.) At PG-1 from C-2 all type(3) stirrups need (top dog legs)

13.) A+ PG-30 from C-1 "5" Bars need to be adjusted (spacing)

/ H.) Need 8 #(7) bars or 12 # (6) for etended area @ PG-30 @ C-1

15.) Need to add both (2) #8 bars as per RFI #734

SK5020911-B@PB-40@C8@1.3

6.) At PG1-30 from C-1 need j-hooks (guts) for last couple type (3) stirrups

7) At PG-33 all (top dog legs) need to be installed for Stirrups

V8.) Additional reinforcing steel @ pipe sleeves needs to oe added

(9) Tie-down (secure) stirrups for some beams & girders throughout pour 1H

10.) Final clean up of deck, beams & girders

[11.) Several areas where reinforcing steel bars were touching

12.) Need (3) additional type (3) stirrups added for PG-31 (due to spacing)

13.) Top reinforcing bars for PG-33 ("F" Bars) need to be pushed back to proper spacing (were moved for people to get into girder for PT tendon profile adjustments)



## THE ROBERT B. BALTER COMPANY

## DAILY REPORT

Page 1 of 2

Project: Silver Spring Transit Center	Contract No.: 16027-0
Client: Montgomery County	Date: 5.26.10
Contractors: Foulger-Pratt	Weather: Temps:
Type of Inspections: Concrete batch plant	
Tests Performed:	A A A A A A A A A A A A A A A A A A A
Samples Sent for Testing:	
Contacts: John Welk, Brean Flickinger,	
Summary of today's work: Seaboard Foundation caissons. No concrete was pla	ons continued dailing aced.
I performed a concrete bated at the Latorge plant in Roman were use conclusion: the Latorge Rocky setup and maintoined as per project specifications and is concrete for the project cais.	on plant inspection  ockville. ACT, NCRMM, and  ed. Inspection  rule plant is properly  ACT, NCRMH and  capable of producing  soons.
NON-COMPLIANT ISSUES:	
PARTIES NOTIFIED:	
RESOLUTION:	
Verification: Hours: Reg	3 OT Inspector TO MIL LOVA
INFORMATION IS SUBJECT TO FINAL REVIEW: Supervis	

The Robert B. Balter Company Geotechnical / Environmental Engineering

Concrete Plant Inspection Checklist	Plant Name_Rockville Laterice Da	Date: \$36.70
Siverspina Transit Center	New 16027-0	
	Comments	
1 Mix Designs on File	1 / At central disputan	
2 Aggregates stored to minimize segregation		244.13
3 Stockpile free from foreign matter	7)	
4 Stockpile moist		
5 Aggregates tested/ certified	7	
6   Cement properly stored		
7 Cement dry		
8 Cement storage properly labeled per type	1/ 1 agroups	
9 Scales serviced with last 6 months(Handbook 44)	1/ Aminion scale (2 scale)	
10 Test weights certified (500 lbs more than material)	1	
11 Water measured by volume	Ch	
12 Water measured by weight	× × ×	
13 Water dispensed by meter	1/ Diastal Bodger	
14 Water dispensed by holding tank		
15 Water dispensed by scales		
16 Admixture dispensers clean/transparent/graded	3	
17 Admixture properly stored	/	
18 Truck mixing revolutions checked		
19 Trucks spot checked for:		
20 Revolution counter		
21 Manufacturer's rating plate	e / Mostor Ilan, stanually 10	
22 Agitating Speed		
Calibrated water measuring device	7	
Truck number on 1400 / iist	# 7 15 trucks	
NCRMA CONTROL	1 Nov 2,2011	
State State	V Feb. 10, 2010	
•	I Town Lord, John Wolk	Passed V
Moistwe Content	V Electronic Probe	



## THE ROBERT B. BALTER COMPANY

## DAILY REPORT

Page 1 of 2

Project: Silver Spring Transit Ctr. Contract No.: 16027-0-Mb
Client: Manthomery Co. note: 5-26-10
Contractors: Ross, Berkel, Semboard, Facchina Weather: Partly Sumy Temps: 55°
Contractors: Ross, Berkel, Sembaard, Facchina Wenther: Partly Sundy Temps: 55° Type of Inspections: Visual Inspection, Compaction, Caissons, Concrete Plant INSP.
Tests Performed: Nuclear Gauge Density Tests
Samples Sent for Testing:
Contacts: Dava G. & Brook F. (QC FP), Scott H. (Supt. FP), Tony L. Superv. RBB Co.), Ronnie K. (Seaboard), Mark N. & Frank W. (Ross Foreman), Mike B. (WMATA)
Summary of today's work: Beckel Co No work done today.
Facchina - began forming up for a installing reinforcing steel for top portion of caisson above construction joint. Reinforcing steel a cleanliness of formed up area will be inspected in A.M. hrs tomorrow, for concrete placement approval, for caisson A.3 @ 10.9 (Seaboard #13).
Ross Cont. Ive Mark N. (Pipe crew foreman) worked on installing storm drain structure MH-45 & backfilling. See Elmustal daily report for additional information, Backfill procedures were visually inspected & density tests were taken.
NON-COMPLIANT ISSUES:
PARTIES NOTIFIED:
RESOLUTION:
Verification:  Hours: Reg 8 OT 3 Inspector: John J. Welk INFORMATION IS SUBJECT TO FINAL REVIEW: Supervisor:  PE: JOC



## THE ROBERT B. BALTER COMPANY

## DAILY REPORT

Page 2 of 2

Project: Silver Spring Tra	nsit etr. c	ontract No.	: 16027-0-M
Client: Montg. Co.	Ď	ate:	5-26-10
Contractors:	Weather:	***************************************	Temps:
Type of Inspections:		- Ing	<b>773</b> - NASARAN MARIANINA
Tests Performed:		The second secon	
Samples Sent for Testing:	TA		
Contacts:			
Summary of today's work: <u>Scaboard</u> Shear Keys. See Brian F. additional information.	l - worked on dril RBB Co. daily report	ling fo	or caissons a yer work for
* Note: - Myself & inspection @ Latarge R Plant Inspection Checkli	Tony Lord (RBB Co. ockville Plant. See st. Plant inspection	Superiso attache n passe	did a plant d Concrete
NON-COMPLIANT ISSUES:		ne <b>a v s</b> a var s <del>a meneral de la la sale</del> es conspersos con con es	
PARTIES NOTIFIED:		······································	
		***************************************	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE
RESOLUTION:			aling for a 1994 commencer transmission rates make a policies constitution and
		the boundary of the second of	
Verification:	Hours: Reg & OT 3 1	nspector: _	John J. Welk
INFORMATION IS SUBJECT TO FINAL	REVIEW: Supervisor:		_ PE: 300

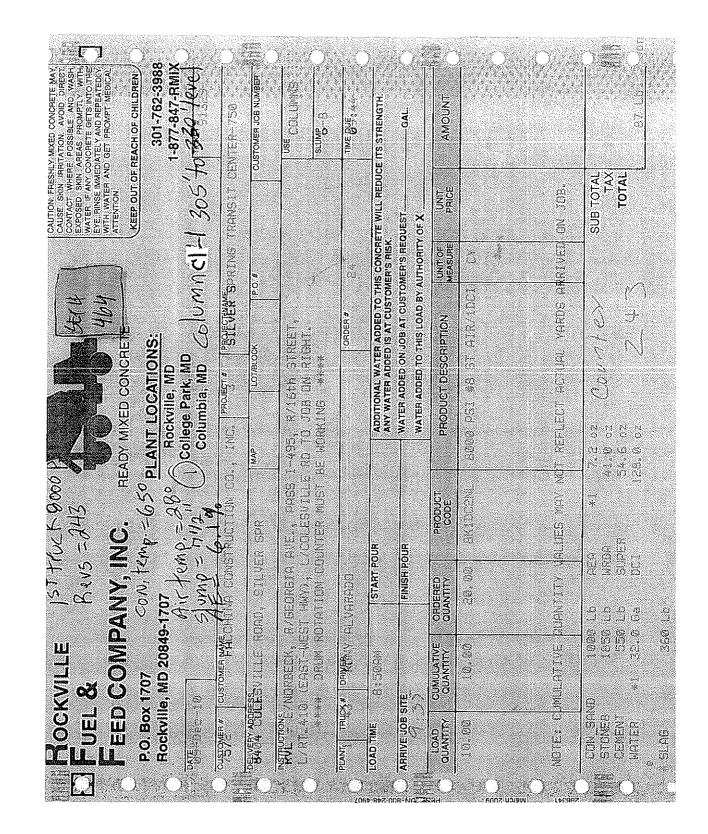


#### THE ROBERT B. BALTER COMPANY Gentechnical Engineers

#### 18 Music Fair Road . Owings Mills, Maryland 21117

Project:	35T	Proj. l	10.: 160	27-J:MO	Supplier: R	~ <del>~~</del>			
Client:	MONABON	•	-	Ticket No.:	CONTRACTOR OF THE PERSON OF TH	ruck No.: <u>43</u>			
Contractor:			n de la company		nt Ratio: 0.	The state of the s			
	cation:(	SLUMY CI-L	3301	Wix Number: 8KLDC2NL					
LEVEL.	<del>y.,</del>		Mix Design: 820 pg						
Method of P				Time Batched: 8:50AM cu yds					
Slump:	STATES OF THE PERSON STATES OF	inches							
Water adde		Yes,		ns No			ime: 9:45A		
A		JOSH W / K			Date Delivered to Lab:				
Concrete Te			°F		Unit Weight:	PC	F N/A		
Air Content:	: <u>6.1</u>	/· □ N/A	Ł		Weather:		**************************************		
Specimen S	et No.:	464	#11111 <b>111</b> 111		Air Tempera	ture: <u>28</u> °	°F		
Test Regid:	At	Days;	2 At :	7 days;	At 14 Days;	2 At 28 Da	rys;Reserve		
			-						
**************************************			Stutnavings	Andrew Samuel			A PAGE A		
OCKVILLE F ONT #1 &		FEED		A 1930 Suntanana.	9Dec10 8:50AM		p Gater W		
.ANT #1 & plume:10.0 ruck #: /(C+P) Rat	#2 #0 yd3 43	Mix ID: RONY ALV	ARADO		8:50AM Mix Desc:.8 Ticket * FACCHINA COL STIUSS COST	Bat 000 PSI #6 91329 VSTRUCTION	ch:. 2 of ST AIR/IDCI CO., INC.		
ONT #1 & plume:10.0 ouck #: (C+P) Rat	#2 #0 yd3 43 :io: 0.2	Mix ID: RONY ALV	ARADO	mod bita on cook the man only their real	8:50AM Mix Desc: 8 Ticket # FACCHINA COI BILVER SPRIM	Bat 200 PSI #8   91329 NSTRUCTION   NG TRANSIT	ch:. 2 of ST AIR/IDCI CO., INC. CENTER-750		
ONT #1 & olume:10.0 ouck #: (C+P) Rat	#2 70 yd3 43 :io: 0.2 Desig	Mix ID: RONY ALV P6 In Moist	arado 0. 07	Target 5247 Lb	8:50AM  Mix Desc: 8  Ticket *  FACCHINA COI  BILVER SPRI  Actual  5240 Lb	Bat 200 PSI #8 : 91329 NSTRUCTION : NG TRANSIT : Free H20	ch:. 2 of ST AIR/1DCI CO., INC. CENTER-750 Status		
ONT #1 & plume:10.7 puck #: /(C+P) Rat aterial IN_SAND	#2 70 yd3 43 :io: 0.2 Desig	Mix ID: RONY ALV P6 In Moist	arado 0. 07	Target	8:50AM  Mix Desc: 8  Ticket *  FACCHINA COI  BILVER SPRI  Actual  5240 Lb	Bat 200 PSI #8 : 91329 NSTRUCTION : NG TRANSIT : Free H20	ch:. 2 of ST AIR/IDCI CO., INC. CENTER-750		
ANT #1 & plume:10.0 puck #: /(C+P) Rat pterial IN_SAND TONE8	#2 #3 #3 :io: 0.2 Desig 1000 L 1850 L	Mix ID: RONY ALV  RO Moist  b 4.7% b 0.5%	arado 0. 07	Target 5247 Lb 9296 Lb	8:50AM Mix Desc: 8 Ticket # FACCHINA COI SILVER SPRII Actual 5240 Lb 9420 Lb	Bat 200 PSI #8 : 91329 NSTRUCTION : VG TRANSIT : Free H2O 247 Lb 46 Lb	ch:. 2 of ST AIR/IDCI CO., INC. CENTER-750 Status Done Over		
.ANT #1 & olume:10.0 ouck #: /(C+P) Rat aterial IN_SAND TONEA	#2 #2 #3 #3 #43 #43 #43 #45 #45 #45 #45 #45 #45 #45 #45 #45 #45	Mix ID: RONY ALV  B6  In Moist b 4.7% b 0.5%	ARADO	Target 5247 Lb 9296 Lb 2750 Lb 1800 Lb	8:50AM  Mix Desc: 8  Ticket *  FACCHINA COI  BILVER SPRI  Actual  5240 Lb	Bat 200 PSI #8 : 91329 NSTRUCTION : NG TRANSIT : Free HEO 247 Lb 46 Lb 0 Lb	oh:. 2 of ST AIR/1DCI CO., INC. CENTER-750 Status Done		
ANT #1 & clume:10.0 cuck #: /(C+P) Rat sterial IN_SAND TONEA EMENT AG A #1	#2 #3 #3 Design 1000 L 1850 L 350 L 7.2 o	Mix ID: RONY ALV  66  n Moist b 4.7% b 0.5%  b 0.0% c 100.0%	ARADO	Target 5247 Lb 9296 Lb 2750 Lb 1800 Lb 18 oz	8:50AM Mix Desc:.84 Ticket * FACCHINA COM BILVER SPRIM Actual S240 Lb 9420 Lb 1800 Lb 19 oz	Bat 900 PSI #6 91329 NSTRUCTION NG TRANSIT Free H20 247 Lb 46 Lb 0 Lb 0 Lb 1 Lb	ch:. 2 of ST AIR/IDCI CO., INC. CENTER-750 Status Done Over Done Done Oone		
.ANT #1 & olume:10.0 ouck #: /(C+P) Rat aterial IN_SAND TONEA	#2 #2 #3 #3 #43 #43 #43 #45 #45 #45 #45 #45 #45 #45 #45 #45 #45	Mix ID: RONY ALV  26  30 Moist  30 4.7%  50 0.5%  50 0.0%  51 00.0%	ARADO	Target 5247 Lb 9296 Lb 2750 Lb 1800 Lb 18 oz 205 oz	8:50AM Mix Desc: 8 Ticket * FACCHINA COI BILVER SPRI  Actual  5240 Lb 9420 Lb 1800 Lb 19 oz 204 oz	Bat  900 PSI #6  91329  NSTRUCTION  Free H20  247 Lb  46 Lb  0 Lb  1 Lb  0 Lb	oh:. 2 of ST AIR/IDCI CO., INC. CENTER-750 Status  Done Over  Done Oone Done Done Done		
ANT #1 & plume:10.0 puck #: /(C+P) Rat aterial DN_SAND TONEA EMENT AG AC	#2 70 yd3 43 Desig 1000 L 1850 L 360 L 7.2 o 41.0 o 54.6 o 128.0 o	Mix ID: RONY ALV  26  10 Moist  15 4.7%  15 0.5%  15 0.0%  15 0.0%  17 0.0%  17 0.0%  17 0.0%	ARADO	Target 5247 Lb 9296 Lb 2750 Lb 1800 Lb 18 oz	8:50AM  Mix Desc: 8:  Ticket *  FACCHINA COI  SILVER SPRII  Actual  5240 Lb  9420 Lb  1800 Lb  19 oz  204 oz  272 oz  672 oz	Bat 900 PSI #6 91329 NSTRUCTION NG TRANSIT Free H20 247 Lb 46 Lb 0 Lb 0 Lb 1 Lb	ch:. 2 of ST AIR/IDCI CO., INC. CENTER-750 Status Done Over Done Done Oone		

Ice/Batch 0 Lb Water allowed by mix design: 320 Total Water 288 Moisture compensation water: 86 Water allowed at jobsite: 32 Gal



THE THE WALLET CONTAINY

36r# 1964

)

# Silver Spring Transit Center Project

# CONCRETE PLACEMENT CHECKLIST / POUR CARD

PROJECT NUMBER: 16027-0- MD	
DATE: 12.9.10	
WEATHER: <u>SUMMY</u> TEMP: <u>Concrete</u>	<b>*</b>
POUR LOCATION: COLUMN CI-1 305' 10 330' LEVEL	
MIX DESIGN: 3000 PSI CUBIC YARDS: 20 CH 445 Total F	Jaced to
CONVEYANCE METHOD: CRAWE /BUCKET	
PLACEMENT TIME: START: 9:49 AM FINISH: 11:00 AM	
DELAYS:	
ACTIONS:	
	Th Asbert
BALTER VERIFICATION CONCRETE AND REINFORCMEN	IT
FORMWORK / SHORING	
SUB-GRADE FOR SLABS	
FOUNDATION BEARING	
REINFORCING STEEL	
ELEVATED DECK SLAB	
DRILLED PIER/SOLDIER PILE	- - -

#### 18 Music Fair Road . Owings Mills, Maryland 21117



## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Proj. No.: 16027-0-M0  MONTONERY COUNTY  FACOVINA  Ition: DARADET WALL CY 10 C5  EL 330'  acement CRAVE AUCHEY  inches  at site? Yes, gallons No ade by: SA JOH M / Yom W  nperature: 070 °F	Supplier: 8.F.F.  Ticket No.: 9/340 Truck No.: 4/6  Water-Cement Ratio: 0.36  Mix Number: 45/41  Mix Design:  Time Batched:  Batch Size: cu yds  Date Molded: Time:  Date Delivered to Lab:
nperature:	Unit Weight: PCF N/A  Weather:  Air Temperature: *F  At 14 Days;
UEL AND FEED	9Deci0 Flop Gate: W 10:16AM Batch:. 1 of
UEL AND FEED #2 Ø yd3 Mix ID: *45K1D2N 41Ø MANUEL VILLEGAS	, to an inc. to the fit A.A.
UEL AND FEED #2 Ø yd3 Mix ID: *45K1D2N 410 MANUEL VILLEGAS io: Ø.36  Design Moist Target	10:16AM Batch: 1 of  Mix Desc: 4500 PSI W/AIR/WR/1DCI Ticket # 91340 FACCHINA CONSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-750  Actual Free HPO Status
UEL AND FEED #2 Ø yd3 Mix ID: *45K1D2N 410 MANUEL VILLEGAS io: Ø.36	10:16AM Batch: 1 of  Mix Desc: 4500 PSI W/AIR/WR/1DCI Ticket # 91340 FACCHINA CONSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-750  Actual Free H2O Status

ROCKVILLI FUEL & FEED COM	1PANY, II	NC., REA	ADY MIXED CONCRETE	经性	CAUSE SKIN IRRITACONTACT WHERE IS EXPOSED SKIN ARI WATER IF ANY CONEYE, RINSE IMMEDIAWITH WATER AND CATTENTION.	MIXED CONCRETE MANTION, AVOID DIRECT POSSIBLE AND WASHEAS PROMPTLY WITH CRETE GETS INTO THE CRETE GETS INTO THE CRETE PROMPT MEDICAL PROMPT MEDICAL ACH OF CHILDREN.
P.O. Box 1707 Rockville, MD 20  DATE  ### ### ############################	HUUHUMH LUMO	np = 320 P = 670 P 6.4% TRUCTION CO.	ANT LOCATIONS: Rockville, MD College Park, MD Columbia, MD INC. PROJECT PROJECT LOT/BLOCK	JZI Frank wa Ver Sprinks	KNIKMY LEI	301-762-398 -877-847-RMI TICRET # 91 3 441 FERT - 75 i8 STOMER JOB NUMBER
INSTRUCTIONS  RVI E/NORBECK L/RT, 410 (EAST- **** DRUM  PLANT TRUCK* DRIVEN 1 410 MAN  LOAD TIME  10:16AM	WEST HWY), L WEST HWY), L ROTATION CO WEL VILLEGAS	AVE., PASS 1 /COLESVILLE UNTER MUST B	ADDITIONAL WATER ADDED IS AT WATER ADDED ON JOB A	PIN 26 ED TO THIS CONCRE		USE  SLUMP  3-5'  TIME DUE  1 1 1 1  ITS STRENGTH.
LOAD GUMULATIN QUANTITY QUANTITY 9.00 9.00	VE ORDERED QUANTITY	PRODUCT CODE	PRODUCT DESCRIPTION 4500 PSI W/AIR/WR/	UNIT OF MEASURE	UNIT PRICE	AMOUNT
I			T REFLECT ACTUAL YA	RDS APRIVEL	ON JOB.	
CEMENT 5 WATER *1 3	750 Lb DÇ	1 12 0 2	6.0 oz 1.0 oz	RIVE ONTO PRIVATE P	TAX TOTAL	

SET # 465



# Silver Spring Transit Center Project

# CONCRETE PLACEMENT CHECKLIST / POUR CARD

PROJECT NUMBER: 16	027-0- MD
DATE: 12-9-10	
WEATHER: SUNWY	Air = 320 TEMP: Concrete = 670
POUR LOCATION: PARAG	THY WALL C4 10 C5 LEVEL 330'
MIX DESIGN: 4500	PSI CUBIC YARDS: 9 Gus = total placed to
CONVEYANCE METHOD:	CRANE / BUCKEY
PLACEMENT TIME: START	: 11:00 Am FINISH: 12:00pm
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

### THE ROBERT B. BALTER COMPANY Geotechnical Engineers



### 18 Music Fair Road . Owings Wills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: SST Ctr. Proj. No.: 16027-0-MD	Supplier: Rockville Fueld Feed Co
Client: Montgomery Co.	Ticket No.: 91349 Truck No.: 2.7
Contractor: Facchina	Water-Cement Ratio: 0.26
Sample Location: DEUK DUL (EB 330 LEVEL BELLEEN	Mix Number: 8K2DC2NL
Opiuma Laves 11812 and C3 el C6	Mix Design: 8000/K
Method of Placement Concrete Pump	Time Batched: 6'38 pm
Slump: 8" inches	Batch Size: 10 cu yds
Water added at site? ☐ Yes,gallons ☒No	Date Molded: 12-10-10 Time: 7:54AM
Specimen made by: Tom W & JUSH M	Date Delivered to Lab:
Concrete Temperature: <u>60°</u> °F	Unit Weight: PCF XINA
Air Content: 6.2% N/A	Weather: Chuny
Specimen Set No.: 460	Air Temperature: Z4° °F
Test Req'd:AtDays; 2 At 7 days;	At 14 Days; 3 At 28 Days; Reserved
Romarks: Revolutions = 72, 2=56-day Break	shad cure 1.2=3-lay Breaks(Fie)
Eured) 2=5-day Breaks (Field Cured) 3=	
	Commence of the commence of th

ROCKVILLE FUEL AND FEED

PLANT #1 & #2

10Dec10 6:38AM

Flop Gate: .. DRY Batch: 2 of 2

Volume: 10.00 yd3 Mix ID: 8K2DC2NL Truck #:... 27 YAW OFORI ATT

Mix Desc: 8000 PSI #8 ST AIR/2001

Ticket # 91399

EXPERIMENTAL CONCERNATION OF THE

Material		Des:	ign	Moist		Targ	E f	Actu	a l	Fre	a Had	Status
CON_SAND	40 m.n n44	1000	Lb	6.0%	Ø. 0%	5319	Lb	5280	Lb	319	LD	Done
STONES		1850	Lb	01. 5%	Ø. Ø%	9296	Lb	9320	Lb	46	Lb	Done
CEMENT	g,	550	Lb	Ø. 0%		2750	L.ta	274 <b>0</b>	Lb	12)	L.b	Done
SL.AG		360	Lb	0.0%		1800	Lb	1020	L.b	Ø	L.ta	Done
AEA	# 1	9,0	O IZ	100.0%		83	OZ	24	OE	Č.	Lb	Done
WRDA		41.0	02	0.0%		205	o z	2204	0.2	120	Lb	Done
SUPER		54.6	0.2	100.0%		273	OZ	272	OΖ	1.8	L.b	Done
DCI		256.0	o E	100.0%		1250	OZ	1280	OZ	83	L.b	Done
WATER	¥.į	31.0	Ga1	122.2%		84	Gal	84	Gal	699	L.b	Dane

Toe/Batch @ Lb Water allowed by mix design:. 310 Total Water Moisture compensation water: 110 Water allowed at jobsite: 30 Gal

3.00 TRWA 8000 PGY BOCKVILLE FUEL &	SERF 1		1 Revs=72	CAUSE SKIN IRI CONTACT WHER EXPOSED SKIN WATER IF ANY C	LY MIXED CONCRETE MAY RITATION AVOID DIRECT E POSSIBLE AND WASH AREAS PROMPTLY WITH ONCRETE GETS INTO THE
FEED COMPANY, IN P.O. Box 1707 (こうじつ) Rockville, MD 20849-1707	() <u>PLAN</u>	T <u>LOCATION</u> ockville, MD	ETE OUTHING = 24 S: Con (Limp = 60 Sculing = 81	WITH WATER AN ATTENTION.  KEEP OUT OF	DATELY AND REPEATED Y D GET PROMPT MEDICAL  REACH OF CHILDREN  301-762-398  1-877-847-RMI
DELIVERY ADDRESS E.VA.	RUCTION CO., IN	PROJECT # 11 LOT/BLOC	PRI = 6.27 TAKEN 0 7 PROJECTINAME SILEVER SPRING	: 45AN TRANSII CE	TICKET W 91345 WTER=750
6%04 EDEESVILLE ROAD, SIEVER INSTRUCTIONS RVL EYNORBECK, RYGEORGIA AV LYRT.410 (ENST-WEST HWY), LXC **** BRUM ROTATION COUN	SPR VE: PASS I-495 SQUESVILLE RD T	, R/ISth STA			USE SLAB
PLANT TRUCK PRIVER OF ORIGINAL ATTO VAN CIFORIS ATTO COMMENTS OF START POUR S	<b>1</b>	ANY WATER ADDED	CRDER # 24  I ADDED TO THIS CONCR IS AT CUSTOMER'S RISK JOB AT CUSTOMER'S RE		TIME DUE W7 (15) EITS STRENGTH GAL
LOAD CUMULATIVE ORDERED QUANTITY QUANTITY	PRODUCT I	WATER ADDED TO T	HIS LOAD BY AUTHORITY IPTION UNIT OF MEASURE	OF X UNIT PRICE	AMOUNT
10.00 30.00 150.00	BREDCENL BOOK	) PSI #8 ST	AIR/SDCI CY		
NOTE: CUMULATIVE DUANTITY VAL  CON_SAND 1000 Lb AEA  STONE8 1850 Lb WRDA	*i 9.0 o	· Z	YARDS AFRIVED	SUB TOTAL	
CEMENT s 550 Lb SUPE WATER *1 31.0 Ga DCI		Z		TAX	
9LA6 360 Lb					a

RECEIVED BY: X

# Silver Spring Transit Center Project

# (460)

## CONCRETE PLACEMENT CHECKLIST / POUR CARD

PROJECT NUMBER: 16	027-0- MD
DATE: 12-10-10	
WEATHER: CLOWDY	TEMP: Concrete = 60°
	c IEB 330' LEVEL BLIWEEN CRUMN
LENGS 11812 and C3 \$	. C6
MIX DESIGN: 8000	PSI CUBIC YARDS: 150 Gus = total placed to
CONVEYANCE METHOD:	
PLACEMENT TIME: START:	7:00 pm FINISH: 12:35 pm
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road . Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: SST Ctr. Proj. No.: 16027-0-MD	supplier: Rockville Fueld Feed Co.
Client: Montagnery Co.	Ticket No.: 91403 Truck No.: 30
Contractor: Facchina	Water-Coment Ratio: 0.26
Sample Location: Deck por 158 330 Level Bawelin	Mix Number: 8K2DC2NL
Column Leves 12 & 13 and CG & C7	Wix Design: 8000ph
Method of Placement Concrete Pump	Time Batched: <u>6:57 am</u>
Slump: $8''$ inches	Batch Size: 10 cu yds
Water added at site? ☐ Yes,gallons ☒lilo	Date Molded: 12-10-10 Time: 7:54Am
Specimen made by: 100 W - & JUSH M	Date Delivered to Lab:
Concrete Temperature: 60° °F	Unit Weight: PCF N/A
Air Content: 5.1% N/A	Weather: <u>Cwwo</u> Y
Specimen Set No.: 461	Air Temperature: 24° F
Test Req'd: At Days; 2 At 7 days;	At 14 Days; 3 At 28 Days; Reserved
Remarks: Revolutions = 151, 2=56-day Break	s/Lab Eucell, 2=3; day biraks/Fiel
Evred) 2=5-day Breaks (Field Cured) 3=	2B-day Breaks (Field Euced)
tation to the state of the stat	
	·

ROCKVILLE FUEL AND FEED

PLANT #1 & #8

Volume:10.00 yd3 Mix ID: 8K2DC2NL Truck #: ... 30 RICARDO PRUDENC

10Dec10 6:57AM

Flop Gate:.. WET Batchs. 2 of 2

Mix Desc: 8000 PSI #8 ST AIR/2DCI 91403 Ticket #

FACCHINA CONSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-750

	WZ (C	(-j-j-)	#ES	10:	- 0.26
--	-------	---------	-----	-----	--------

Truck #s.s. 30

Matarial		Desi	. mm	Moist		Targe	: t:	Actue	3 ]	F100	5 1482(I)	Status
CON_SAND STONE8	of Europe Server 44	1000 1850	L.b	5.8% Ø.5%	0. 0% 8. 0%		Lb	5300 9280	Lb Lb	3Ø8 46	ib lb	Done Done
CEMENT	93	550	L lo	Ø. 6%		2750	L.b	2740	ilə	Ø	L.D	Done
acancas i BLAG	23	360		Ø. 2%		1820	Lb	1810	Lb	(2)	ito	Done
REA	# <u>1</u>	9, 0		100.0%		23	0.2	24	0.2	#IX	Lb	Dane
	v. 7	41.0		0.0%		205	0.2	204	OΣ	12)	L b)	Done
IRDA Succe		54.6		122.2%		273	0.2	272	o z	1.63	L.b	Done
SUPER		256.0	02	100.0%		1280		1312	0.2	85	Lb	Done
OCI VATER	* 1		Gal	100.0%		86	Gal	86	Gal	71.6		Done

Ice/Batch Ø Lb Water allowed by mix design: 310 Total Water 280 Moisture compensation water:. 111 Water allowed at jobsite: 30 Gal

	714 TRULK 8000 PYL ROCKVILLE FUEL & FEED COMPANY, I		WIXED CONCRETE	CAUSE SKIN I CONTACT WHE EXPOSED SKIN WATER IF ANY EYE, RINSE IMM WITH WATER A ATTENTION.	HLY MIXED CONCRETE MAY RRITATION. AVOID DIRECT IRE POSSIBLE AND WASH I AREAS PROMPTLY WITH CONCRETE GETS INTO THE EDIATELY AND REPEATEDLY NO GET PROMPT MEDICAL F REACH OF CHILDREN
	P.O. Box 1707   Z-	② R col	T LOCATIONS: 50 pockville, MD lege Park, MD blumbia, MD	TLMP: 600 KEEP OUT O	301-762-3988 1-877-847-RM!)
	CUSTOMER #   CUSTOMER NAME	STRUCTION CO., 1A	PROJECT # PROJECT NA	ME. SPRING TRANSIT ( P.O.#	91403 A JENTER-750 A CUSTOMER JOB NUMBER S
	INSTRUCTIONS RVL - E/NORBECK, R/GEORGIA L/RT.410 (EAST-WEST HWY), L	AVE., PASS 1-495	O, JOB ON RIGHT.		SLAB SLUMP G-B"
	PLANT TRUCK DRIVER  1 30 RICARDO PRUDENC  LOAD TIME START PORT OF THE START PORT OF	OUR .	ADDITIONAL WATER ADDED T ANY WATER ADDED IS AT CUS WATER ADDED ON JOB AT CU	STOMER'S RISK.	TIME DUE  07:37  ICE ITS STRENGTH.  GAL.
	LOAD CUMULATIVE ORDERED QUANTITY QUANTITY	PRODUCT CODE	WATER ADDED TO THIS LOAD PRODUCT DESCRIPTION	UNIT OF UNIT PRICE	AMOUNT
	10.00 70.00 150.00  NOTE: CUMULATIVE DUANTITY V		Ø PSI #8 ST AIR/2I FLECT ACTUAL YARDS		
	CEMENT s 550 Lb SU HATER *1 31.0 Ga DC	DA 41.0 PER 54.6	02 02	SUB TOTA TA: TOTA	X
The state of the s	SLAG 360 Lb  I HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DEI AUTHORIZATION I ASSUME RESPONSIBILITY FOR AN SAID PROPERTY THAT MAY BE TRESPASSED ON FO TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULD LC TOWN LEB 330/LEVEL CUSTOMER ACKNOWLEDGES AND UNDER	Y AND ALL DAMAGE THAT MAY LLOWING MY DIRECTIONS. I FLITING FROM THIS AUTHORIZATION XC	BE DONE TO SAID PRIVATE PRO INTHER INDEMNIFY ROCKVILLE FL ON. YUMV LIMES 1231	PERTY AND TO ANY OTHER PRIJEL & FEED COMPANY, INC. AND 3 and C6 & C7	OPERTY ADJACENT TO

RECEIVED BY: X

# Silver Spring Transit Center Project

(3+#) ( 461)	2)
-----------------	----

PROJECT NUMBER:/_	6027-0- MD
DATE: 12-10-10	
WEATHER: CUUDY	TEMP: Concrete = 600
POUR LOCATION: DECK 1	DOWN 1EB 330' LEVEL BEHWEEN
WILLIAM LENEY 12 8 13 6	ind C6 of C2
MIX DESIGN: 8000	PSI CUBIC YARDS: 150 Cus = total Naced to
CONVEYANCE METHOD:	PUMP TRUCK
PLACEMENT TIME: STAR	T: 720pm FINISH: 12:35pm
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
V	FORMWORK/SHORING
and the state of t	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road . Owings Mills, Maryland 21117

### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

The state of the s	
Project: 55TC+C Proj. No.: 16027-0-MD	Supplier: Rockville Fuel & Feed C
client: Mantanmery Co.	Ticket No.: 91423 Fruck No.: 83
Contractor: Facchina	Water-Cement Ratio: 0.26
Sample Location: DEUM DUE 1EB 330' LEVEL	Mix Number: 3KZDC2NL
BLYMEN COLUMN LINES 13 & 13.5 and DAE	Mix Design: 8000 psr
Method of Placement Concrete Pump	Time Batched: 8 3 nm
Slump: 8" inches	Batch Size: /O cu yds
Water added at site? ☐ Yes,gallons ⊠No	Date Wolded: 12:10:10 Time: 9:3/Apr
Specimen made by: I fom W & JUSH M	Date Delivered to Lab:
Concrete Temperature: 60° °F	Unit Weight: PCF X N/A
Air Content: 4.5%	Weather: CLOUDY
Specimen Set No.: 462	Air Temperature: 27° °F
Test Reg'd: At Days; 2 At 7 days;	At 14 Days: 3 At 28 Days: Reserved
Remarks: Revolutions = 167, 2=56-day Br	eaks (Lab Cured) 2=3-day Brea
Field Cured), 2=5-day Breaks (Field cures	1) 3=28-day Breaks (Field eye
	The second secon
The state of the s	The second secon

ROCKVILLE FUEL AND FEED PLANT #1 & #2

9:31AM

10Dec10

Flop Gate: .. DRY Batch: 2 of 2

Volume:10.00 yd3 Mix ID: 8K2DC2NL Truck #:... 83 JAMES RICHARDSO

Mix Desc: 8000 PSI #8 ST AIR/2DCI

Ticket # 91423

FACCHINA CONSTRUCTION CO., INC.

W/(C+P)			· 26				5	ILVER	SPRIN	G TRA	NSIT C	ENTER-750
Material		Des	****	Moist		Tarp	et	Actu	al	Fre	a Hen	Status
CON_SAND STONE8		1000 1850	L. (2)	4.7% 0.5%	0.0% 0.0%	5247 9296	Lb	5220 9230	L.b	247 46		Done Done
CEMENT SLAG AEA WRDA SUPER DCI WATER	\$ *1	550 360 9.0 41.0 54.6 256.0 31.0	Lb oz oz oz oz	0.0% 0.0% 100.0% 0.0% 100.0% 100.0%		2750 1800 23 205 273 1280	Lb oz	2750 1790 24 204 272 1280	Lb Lb oz oz oz Gal	(2)		Done Done Done Done Done Done Done

Ice/Batch Ø Lb Water allowed by mix designs. 310 Total Water 記日初 Moisture compensation water: 97 Water allowed at jobsite: 30 Gal

ROCKVILLE SOUTH SETH   SETH   162	MIXED CONCRET	REV5-167 CAUSE S CONTACT EXPOSED WATER : IF EYE, RINS WITH WA	
P.O. Box 1707 12-10 10 Rockville, MD 20849-1707	ANT LOCATIONS  Rockville, MD  College Park, MD  Columbia, MD	CONTEMP = 60° = 4Ump = 8 ACR = 4.5%;	301-762-3988 1-877-847-RMIX
CUSTOMER & CUSTOMER NAME HINA CONSTRUCTION CO., 7576 ELVERY ADDRESS VILLE ROAD, SILVER SPR	TPROJECT# IPR	TAMEN 09:31AM  OJECTNAME SPRING TRANS	CUSTOMER JOB NUMBER
LART 410 (EAST-WEST HWY), LACOLESVILLE F **** DRUM ROTATION COUNTER MUST BE FLANT TRUES DRUMES RICHARDSON	MOUNTING ****	ETT, ITS PRDER# 24	SLUMB-8 ii
LOADTIME: A START POUR  ARRIVE JOB SITE TO FINISH POUR	WATER ADDED ON J	ADDED TO THIS CONCRETE WILL IS AT CUSTOMER'S RISK. OB AT CUSTOMER'S REQUEST— HIS LOAD BY AUTHORITY OF X	GAL:
LOAD CUMULATIVE ORDERED CODE QUANTITY QUANTITY QUANTITY  10.00 100.00 160.00 8K2002NL	PRODUCT DESCRI	PTION MEASURE P	INIT AMOUNT
/ NOTE: CUMULATIVE DUANTITY VALUES MAY NO	T REFLECT ACTUAL	YARDS ANTIVEL ON	JOB.
STONED 1850 LD WRDA A	9.0 o2 n.0 oz 54.6 oz 56.0 pz	SUB	TOTAL TOTAL 169 L6
G SEAG 360 LD  THEREBY AUTHORIZED THE TRUCK (OR, TRUCKS) DELIVERY, MATERIAL TO TO AUTHORIZATION IS ASSUME RESPONSIBILITY, FOR, ANY, AND ALL DAMAGE TO SAID PROPERTY THAT, MAY BE TRESPASSED ON FOLLOWING MY DIRECTLY TRUCK (THESE TRUCKS) FROM ANY LIABILITY, RESULTING FROM THIS AUTHORY (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORY.	ONS I FURTHER INDEMNIFY R HORIZATION	OCKAITTE LAGER & LEED COMMUNICATION	TY AS I DIRECT. IN MAKING THIS THER PROPERTY ADJACENT TO INC. AND THE DRIVER OF THIS
CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF	TERMS AND CONDITION	S, S ANA D & E	DES OF THIS DOCUMENT.

## ITTE HUBERI B. BALTER COMPANY

# Silver Spring Transit Center Project

SETH 462	(3)
,	

j

PROJECT NUMBER: 16027-0- MD	AN & DEP
DATE: 12-10-10	
WEATHER: CLOUDY TEMP:	9ir = 27° Concrete = 60°
POUR LOCATION: DEWA POUR 1EB 330' LEVEL COLUMN	The second secon
13 & 13.5 and Da E	
MIX DESIGN: 8000 PSI CUBIC YARDS: 1505	ids stotal placed t
CONVEYANCE METHOD: DUMP TRUCK	
PLACEMENT TIME: START: 7:00AM FINISH: 12	:35pm
DELAYS:	
ACTIONS:	
	,
BALTER VERIFICATION CONCRETE AND REINI	FORCMENT
FORMWORK/SHO	ORING
SUB-GRADE FOR	SLABS
FOUNDATION BEA	RING
REINFORCING STE	EEL.
ELEVATED DECK S	SLAB
DRILLED PIER/SOL	DIER PILE



#### 18 Music Fair Road . Owings Mills, Maryland 21117

### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

	AND THE COMMEND OF TH
Project: SSTC+C Proj. No.: 16027-0-MD	supplier: Rockville Fuel & Feed Co
client: Montgomery Co.	Ticket No.: 91444 Truck No.: 26
confractor: Farchina	Water-Cement Ratio: 0.26
Sample Location: NEW Pour 1EB 330 LEVE ACTIVED	Wix Number: 8K2DC2NL
coumy leve 10.2 & 10.8 and 69 & F	Wix Design: <u>名のかなど</u>
Method of Placement Concrete Pump	Time Batched: 10:45 mm
Slump: 7.5" inches	Batch Size: 10 cu yds
Water added at site? ☐ Yes,gallons ☒No	Date Molded: 12-10-10 Time: 12:19pm
Specimen made by: TOM W & JOSH M	Date Delivered to Lab:
Concrete Temperature: 60° °F	Unit Weight:PCF 🔀 N/A
Air Content: 4.6./. N/A	Weather: CLOUOY
Specimen Set No.: 463	Air Temperature: 27° °F
Test Ren'd: At Days: 2 At 7 days;	At 14 Days; 3 At 28 Days; Reserved
Remarks: Revolutions = 87, 2=56-day B	cooks (Lab cured) 2=3-day Breat
(Field Cured) 2=5-day Breaks (Field cure	of 3 = 28 - day Breaks (Field EVE
LIVE CUSTOM TO THE CONTRACT OF	
	The second secon
and the second s	entral de la companya de la company La companya de la co

ROCKVILLE FUEL AND FEED PLANT #1 & #2

10Dec10 10:45AM Flop Gates.. DRY Batchs. 2 of 2

Volume: 10.00 yd3 Truck #:... 26

Mix ID: 8K2DC2NL MAXWELL AKOTO Mix Desc: 8000 PSI #8 ST AIR/2DCI Ticket # 91444

W/(C+P) Ratio: 0.26

FACCHINA CONSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-750

MY(C+P) B	at I	io: W.	EE, \$19					part of the late o			a and from the title	The form the same the same and
March man i or I		Dasi	1733	Maist		Targs	γt	Actua	3. l.	F. L. 68 8	HEU	Status
CON_SAND STONE8	pan our e	1000 1850	L.b	5. 5% 0. 5%	0.0% 0.0%	5291 9296	L.b	5260 9260		291 46	L_lo	Done Done
WRDA SUPER DCI	*1	9.0 41.0 54.6 256.0	Lb oz oz oz oz	0.0% 0.0% 100.0% 0.0% 100.0% 100.0%		2750 1800 23 205 273 1280	oz oz oz oz Gal	2740 1790 24 204 272 1312	Lb oz oz oz oz Gal	0 2 0 18 85 733	Lb Lb Lb Lb Lb Lb	Done Done Done Done Done Done

Ice/Batch Ø Lb Water allowed by mix design: 310 Total Water 2 280 Moisture compensation water: 104 Water allowed at jobsite: 30 Gal

#### 14TH TRUCK 8225PST CAUTE SKIN IRRITATION, AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER IF ANY CONCRETE GETS INTO THE ROCKVILLE TUEL & EYE, RINSE IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL FEED COMPANY, INC READY MIXED CONCRETE KEEP OUT OF REACH OF CHILDREN Mitemp=27 P.O. Box 1707 2-10-10 PLANT LOCATIONS: CON 1874 - 60 301-762-3988 Rockville, MD 20849-1707 1-877-847-RMIX Rockville, MD SLUMP = 7.9" College Park, MD ALL = 4.6% Columbia, MD 14 CYL MADE TAKEN 0 12:1920 10-Dec-10 PROJECT # CUSTOMER # STLVER SPAING TRANSIT CENTER-750 FACCHINA CONSTRUCTION CO., INC CUSTOMER JOB NUMBER LOT/BLOCK MAP DELIVERY/ADDRESS 0404 COLESVILLE ROAD, SILVER SPR SLAN RVL - E/NORBECK, R/GEORGIA AVE., PASS I-495, R/16th STREET, L/RT.410 (EAST-WEST HWY), L/COLESVILLE RD TO JOB ON RIGHT. 6-8 DRUM ROTATION COUNTER MUST BE WORKING TIME:DUE ORDER # TRUCK'# PLANT 11:30 MAXWELL AKOTO ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH START POUR LOAD TIME ANY WATER ADDED IS AT CUSTOMER'S RISK. 10:45AM WATER ADDED ON JOB AT CUSTOMER'S REQUEST: FINISH POUR ARRIVE JOB SITE WATER ADDED TO THIS LOAD BY AUTHORITY OF X UNIT UNIT OF ORDERED PRODUCT CODE AMOUNT CUMULATIVE QUANTITY LOAD PRODUCT DESCRIPTION MEASURE 8000 PSI #8 ST AIR/2DCI LY BK2DC2NL 140.00 170.00 10.00 NOTE: CUMULATIVE DUANTITY YOUGE MAY NOT REFLECT ACTUAL YARDS ANRIVED ON JOB: SUB TOTAL 9,0002 CON SAMD 1000 Lb TAX 41.0 oz URDA 1850 Lb STONES TOTAL 550 Lb SUPER 54.6 oz CEMENT

SLAG 360 Lb

THEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS LDIRECT, IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

256. W oz

DECK POUR LEB 3301 LEVEL AND COLUMN LEWES 10.2 & 10.8 and C9 & E CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

WATER

CUSTOMER/OR/AUTHORIZED/SIGNATURE

DCI

31.0 Ga

## ITE MUBERI B. BALTER COMPANY

SET# 463



# Silver Spring Transit Center Project

PROJECT NUMBER:/6	022-0- MD
DATE: 12-10-10	
WEATHER: CLUVOY	TEMP: Concrete = 60°
	OUR 1EB LEVEL BETWEEN COLUMNS
UNES 10.2 & 10.8 and	CARE
MIX DESIGN: 8000	PSI CUBIC YARDS: 150 Cus total placed to
CONVEYANCE METHOD:	PUMP TRUCK
PLACEMENT TIME: START	7:00am FINISH: 12:35pm
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

Plant: LCM Eastern US - R Truck Number Batch User 0216 kpepple	Disp Ticket Num 65349618	0	Pime Date 0:23 12/16/10
Load Size Mix Code 7.00 CYDSRMXC128601R Mix: 6000 AE 1/2" AGG REC		)ty Se D1	
Mins Secs Cust	omer: SEABOARD FOUI JOB.R AT	1DA	PO:
Material         Description         Design Oty           #7STONE         1569 lb           \$ILSAND         3117 lb           CEMENT         400 lb	9653 lb 9620 lb -0 2800 lb 2780 lb -0		Wat gl gl
SLAG120         SLAG120         280 lb           WATER         30.0 gl           AIRENTRN         7 oz           HR         HR         112 oz           HYDSTBLZR         HYDRA STABILIZI         32 oz           FLYASH         FLYASH         120 lb	146.9 gl 146.0 gl -0 48 oz 48 oz 784 oz 72 224 oz 225 oz	,62% 146.0 .84% .00% .45%	ı gl
LOSO TIGIS IN Decign the	1 ter/Cement: 0,310 A Desig gl Adjust Water: 0.0 gl		IF



18 Music Fair Road . Owings Mills, Maryland 21117

COMPRESSIVE STRENGTH TE	est specimen data
Project: SST Ctr. Proj. No.: 16027-0-MD Client: Mantgamery Co. Contractor: Seaboard Sample Location: Caisson C3-12.1 Seaboard # 44 Method of Placement Chute Tremmie Slump: B inches Water added at site? Yes, gallons No Specimen made by: Tom W. & Josh M. Concrete Temperature: 60 °F Air Content: 6.5% NA Specimen Set No.: 466 Test Req'd: At Days; At 7 days; Remarks: Revs. =	Supplier: Lafage  Ticket No.: 65349618 Truck No.: 3600216  Water-Cement Ratio: .3   Mix Number: RMXC128601R  Mix Design: 6000 p < i  Time Batched: 9:23 AM  Batch Size: 7 cu yds  Date Molded: 12-16-10 Time: 10:40 AM  Date Delivered to Lab:  Unit Weight: PCF XN/A  Weather: Cloudy  Air Temperature: 20° F  At 14 Days; 2 At 28 Days; / Reserved

		GE <u>12-1</u>	6-10 Sen	Ker	15=19			10:40		Resp cold prod	fhot weathr edures are	NDITIONS r curb sin nr require the respo	i; de delive s specia onslbitity	ITIONS  ary only. Co procedures of the purcit QUOTAT	
alv AMA	the probability of	State of the state	44 7 465 6 44 6	lum	P=8"	· (1)	gli i W	Maria de la compansión		MSC	S Salety sl LafargeNo	heet upor orthAmeric	n reques ca.com u	t, can also b inder Safely	e found at and Health.
in the state of th	Mariana di Amerikan Kabupatan di Amerikan		Ā	E=	6.5%	, ,,0	E	11cten	ηp. =	200		henry had a bring a surface of the second	TICKE	T NUMBI	ER
10-1 Load			[10-2 Leave	N.T	<u>emp 4</u>	<i>20</i> ∫10-3	3 Arrive	Job Site					i,	15, 5,	. 13
i	1 :	; ( *	4	: (			1 (	: (		•					
10-5 Start D	ischarge	<u> </u>	10-6 Finish	Discharg	je	10-9	Leave	Job Site			10-10	Arrive I	Plant		
ADDITION	AL WATER AI	DDED TO THIS	CONCRETE	WILL A	DVERSELY AF	FECT I	TS PEF	FORMAN	ICE. /	NY WAT	ER ADI	DED IS	AT C	JSTOME	R'S RISK.
		ADDED AT AN								~~ · · · · · · · · · · · · · · · · · ·			r SLUI	***************************************	) IN
	DED ON SITI			A	MOUNT	71	IME	~ <del></del> ,	AM	OUNT		RES	SULTII	IG SLUN	IP IN
SP ADDED	ON SITE TOR OF THIS TR	N: WHAT AMOUNT: RUCK IS ALLOWE	D A MAXIMUM	or	PRINT NAI			NLOAD. TR					R WILL	BE BILLEI	O AT THE
CURRENT HO	OLDING TIME R	ATE. X													
CYLINDER		METHOD	YN	AiR		% SI	LUMP		IN	MIX TE	MP		°F A	IR TEMP	°F
	1.46%	<u>VLA SEPTEM</u> IDAN ELUS			15官 - 강7 - 老 つんに	<i></i>		<u>Eleh ME</u> Ba	7147	16 1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	AXXXX	CXXX			
COMMENT	S:								<del></del>		~	·			
CHUTE	<u>r/Uriver</u>	<u>toïurmak</u>	i Gur"		<del></del>			******	···					······································	
CONCRETE US		ORDER	1	SIZE	MIX		1	SLUMP	OR	DER SLUMP	)	% AIR		DATE	
SOLD TO:	MSZF ILES	talifat	3	, VHS	CUSTOMER			PROJECT #	L_	<u>€</u> , -B	P.O.	<u> </u>	<del></del>	Man	JOB LOAD #
	ro roumo	······································		17778	3088			34,36			Cionatio	······		1 1881 - V - A BANGAR WARE	1
DRIVER (II) food	o Carbaji	at Beec	#. 9216	MAP PA	GE ,	ZONE #			PLANT S.f.		JOB NO.	60	TIME D		PRINT TIME
DELIVERY ADD	RESS:	FVER SPR.	म्बर्ग् । स्वरंग्यः	EL C	TELLE S. P.	र ऽत्तः। '	) BH1	CH MOLL	संस्थित	i ki de					<u> </u>
1		er to jui			PRATT JO	14.2		1.21.20.20.20.20.20.20.20.20.20.20.20.20.20.							
LOAD QUANTITY	CUMUL. QUANTITY	ORDERED QUANTITY	PRODUCT	CODE		P	PRODUC	T DESCRIP	TION			nov	A UN	IT PRICE	AMOUNT
7,00	7,70	14.00	MAKCISSE	916	(20%) 消息	1.3	<u> </u>	RECOV	ER			E V		*************	THE STATE OF
7.00 7.00			PIPASIM Rikaram		EMV. 1911 FREEDOM							4.3			
ા કુલ્લા કુલ કુલેકો			R (R 4B 90	٠	FUEL SET	kt Histi	œk		. 1						
		Caiss	04 (	-3	-12.1	<φ	aha	and	#	44					
CAUTION: Fr	eshly mixed cer	ment, mortar, con	crete or grout m	ay cause	skin injury. Avoi	id contac	ΑΩ		<b></b>	· -	······································		TOTA	L	
gets into eyes	rinse immediate	wash exposed skely and repeatedly	with water and	get pron	npt medical treat	ment.		C. D.	) (			SUB	TOTA	L	
Freeh culiqueu	away HOM WELL A	concrete. Please	(1011) 31	048 c	of three to	11.1.44					7	FIOC	जाल	i i imi	
Print Name "			Signed	by								тот	AL.	<del></del>	
				www.lafa	urgenorthamerica	.com									

## ITE MUBERI B. BALTER COMPANY

# Eeth ()

j

# Silver Spring Transit Center Project

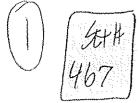
PROJECT NUMBER: 16	,02'7-0- MD
DATE: 12-16-10	
WEATHER: Cloudy	TEMP: Concrete = 60°
•	isson C3-12.1
Seaboard # 44	
MIX DESIGN: _6000	PSI CUBIC YARDS: W She total Annals
CONVEYANCE METHOD:	Chute/tremmie
PLACEMENT TIME: START	T: 10:45 AM FINISH: 12:15 PM
DELAYS:	
ACTIONS:	
700 M &	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIEF

### 18 Music Fair Road . Owings Mills, Maryland 21117

### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

		E EN IL EX BUEN 60	in iesi s	Pecimien Dai	A
Contractor:  Sample Location:  Sector  Method of Placement  Slump:  Water added at site?  Specimen made by:  Concrete Temperatur  Air Content:  Specimen Set No.:  Test Req'd:  A	Caisson Caisson Caisson Caisson Chute/ inches Ves, Fe: 65 °F	E-13,1 Fremmie gallons XIN	Ticke Water Water Mix N Mix D Time Batch Date I Unit V Weath	-Cement Ratio: umber: RMX esign: GO Batched: H:/ Size: /O Volded: /2-17-/O Delivered to Lab: Veight: Cloud mperature:	Truck No.: 3600 04  .30  C128601R  20 PST  ZAM
oad Size Mix Cod 0.00 CYDSRMXC128 Mix: 6000 AE 1/2"	th User Dispople 65349 e Retur 601R AGG RECOVER Customer: S	Ticket Nu 1644 ned Mix EABOARD F	0 Qty	11:17 Seq Lo	Date 12/17/10 ad ID 418
aterial Description D 7STONE #7STONE ILSAND SILSAND EMENT CEMENT LAG120 SLAG120	esign Qty Required 1569 lb 15801 lb 1317 lb 13863 lb 400 lb 4000 lb 280 lb 2800 lb 30.0 gl 191.2 gl 7 oz 68 oz 112 oz 1120 oz 32 oz 320 oz 120 lb 1200 lb	Batched 15760 lb 13780 lb 3995 lb 2790 lb 191.0 gl 68 oz 1120 oz 320 oz 1200 lb	% Var % Moistur -0.26% 0.70% h -0.60% 5.00% h -0.13% -0.16% -0.10% 0.00% 0.00% 0.00%	// 13 gl	
ctual Nur ad 39213 lb Design W/C: ump: -6,00 in # Water in Tru			esign 300,0 gl gl / Load Trim Wa	Actual 286.8 gl ter: -1.0 gl / CYt	To Add: 13.2 gl

DELIVERY CONDITIONS: Responsible for curb side delivery only. Concrete placed du cold/hot weather requires special procedures. Appropriate plar procedures are the responsibility of the purchaser. LAFANIA MINITEDINAL TIP. r sufficiency at 1 doings the thomas as a so-Martin Phi Daniel TERMS OF PAYMENT: AS PER QUOTATION of the Company of the control of the Granish Williams MSDS Safety sheet upon request, can also be found at www.LafargeNorthAmerica.com under Safety and Health. Frankling of the Company COMPANY, MICH. LANG. rion Dirice: Ford the god TICKET NUMBER 10-1 Load 10-2 Leave Plant 10-3 Arrive Job Site 46364 Hills 10-5 Start Discharge 10-6 Finish Discharge 10-9 Leave Job Site 10-10 Arrive Plant ADDITIONAL WATER ADDED TO THIS CONCRETE WILL ADVERSELY AFFECT ITS PERFORMANCE. ANY WATER ADDED IS AT CUSTOMER'S RISK. WATER ADDED ON SITE YN TIME **EST SLUMP** IN CUSTOMER SPADDED ON SITE YN WHAT AMOUNT RESULTING SLUMP N. THE OPERATOR OF THIS TRUCK IS ALLOWED A MAXIMUM OF 60 MINUTES IN WHICH TO UNLOAD. TRUCKS HELD AT JOBSITE LONGER WILL BE BILLED AT THE AMOUNT: -CURRENT HOLDING TIME RATE. X ... YN CURE CYLINDERS YN SLUMP \_\_\_\_ MIX TEMP \_\_\_\_\_ °F PROJECT NAME: SILVER SPRING TRANSIT CENTER AIR TEMP PAYMENT METHOD: XXXXXXXXXXX HOLIDAY CLOSINGS - NOV 25-27 & DEC 24, 27, 31 COMMENTS: Batcher/Driver information: CHUTE CONCRETE USE ORDER # LOAD SIZE CA1880MS/FILES SPEC. SLUMP ORDER SLUMP 6040 % AIR 10.00 REXC128601R SOLD TO: 6.41 F. B Uec 17, 2010 CUSTOMER # SEABOARD FOUNDA PROJECT # PO. JOB LOAD # DRIVER 32007.08 348673 TRUCK # MAP PAGE ì ZONE # David Reymond PLANT 36000046 JOB NO TIME DUE PRINT TIME DELIVERY ADDRESS: PHATING TRHUP I TEMIEK SENDEND RHIFT RECTURESKE 6.5.3 12:00 11:07 3 UN RT 37 LBUSS RT 23 R UN WHYPE AVE TAKE END LEFT TO JUB, P AT FULGER PRATT JOB. \*YARESET COUNTERS \*\*\* LOAD CUMUL. ORDERED QUANTITY PRODUCT CODE QUANTITY QUANTITY PRODUCT DESCRIPTION 10.00 UOM **UNIT PRICE** 10.00 AMOUNT EV. OU CORO AL 178º AGO RECOVER 4 RMXC12860LP Carding=65° Oux 16np=30 Shuny=8" ASU = 4.9% TAYEN 0 12:19 [19], 15th Pikadoo Sally Ohio Reus. = 110 16,00 Riffarga FREINIE 力、現實 **拉针拉纳96** Flat. SUBLIBITE CAUTION: Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with eyes where possible and wash exposed skin areas promptly with water, if any cement mixture gets into eyes rinse immediately and repeatedly with water and get prompt medical treatment. SUB TOTAL Geep children away from wet concrete. Please see reverse. TAX SUB TOTAL HULDING LINE Print Name\_ Signed by TOTAL www.lafargenorthamerica.com COPY



į

# Silver Spring Transit Center Project

PROJECT NUMBER: 16	027-0- MD
DATE: 12-17-16	
WEATHER: CLOUDY	TEMP: Concrete = 65°
POUR LOCATION: CASS	
-	7, 00
MIX DESIGN: 6000	PSI CUBIC YARDS: 20 cus = total placed +
CONVEYANCE METHOD:	CHUKE / TREM TO
	: 12:30 pm FINISH: 1:45 pm
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
-	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
An additional and the second and the	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



18 Music Fair Road Owings Mills, Maryland 21117

# COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: 16027-0-MD Proj. No.: 557 Client: Monthompay Gruny Contractor: FACOURN	Supplier: R.F.F.
Sample Location: Supt Column D2 GIEVARYAN 305'    Method of Placement   CRAWIS   BUCKEY     Slump:   16.5   inches (SCC. Spread)     Water added at site?   Yes,   gallons ⊠No     Specimen made by:   BRSAN F   JOSH M     Concrete Temperature:   62° °F	Ticket No.: 9/974 Truck No.: 4/0  Water-Cement Ratio: 0-29  Mix Number: 58KIDCNL  Mix Design: 8020 psy  Time Batched: 10:25 pm  Batch Size: 6 cu yds  Date Molded: 12-21-10 Time: 11:21 pm  Date Delivered to Lab:
Specimen Set No.: 48b  Test Req'd: At Days; At 7 days;  Remarks: BEV= 128, VSI = 0	Unit Weight: PCF ⊠ N/A  Weather: SUNNY  Air Temperature: 3)° °F  At 14 Days; 2 At 28 Days; ∫ Reserved

Volume: 6. Truck #: W/(C+P) Ra	. 41g tio: 0.29	Mix ID: MANUEL	VILLEG	ias	21Decto 10:25AM Mix Desc: Ticket #	8000 PSI #6	lop Gate: WE atch:. 1 of 1 3ST SCC HR/1DC
Material	Design	Moist	and a man and a state of the state of		and to private name report and to book name and a state of the last to be a second and the secon	I'lk (Parmer)	l CO., INC. CENTER-750
CON_SAND STONE8	1370 Lb 1480 Lb	1 (C) /2;	0,12%	and the second course depart and the second course the second cour	Actual	Free HE	along their sects that are the con-
CEMENT S	550 Lh	was a suffa	Ø. Ø%	8634 Lb 8925 Lb >	8700 Lb 8920 Lb	414 Lb 45 Lb	Done Done
WRDA SUPER DC1 WATER *1	360 Lb 45.5 az 75.0 az	0.0% 0.0% 0.0% 100.0% 100.0%		3300°Lb 2160 Lb 2730 oz 450 oz 768 oz	3300 Lb 2180 Lb 272 oz 448 oz 800 oz	0 Lb 0 Lb 0 Lb 29 Lb 52 Lb	Done Done Done Done Done
(** ca / E)	the state of the same of the	- 44. p. 1 alg. 114.	ord have	128 Gal lix design	128 Gal	1066 Lb	Done

r.O. Box 1707	MPANY, INC.	HEADY MIXED C	Att King - 310  GNY King = 620  CONCRETE	CAUTION: FRESHLY CAUSE SKIN IRRI CONTACT WHERE EXPOSED SKIN A WATER: IF ANY COL EYE, RINSE IMMEDIA WITH WATER AND ATTENTION,	POSSIBLE AN REAS PROMPT NORETE GETS I ATELY AND REP GET PROMPT
Flockville, MD 20  DATE  21-Dec-10 60  CUSTOMER #   CUSTOMER N	flimade Sapeau	PLANT LOCA Rockville, College Parl Columbia,	MD Ship fle	KEEP OUT OF RE	301-762 -877-847-
7572 F DELIVERY ADDRESS  8484 COLESVILLE	ACCHINA COMBTRUCTI ROAD, SILVER SPR	1111	SILVER SPRING I	RANSIT CENT	91972 FD-750
RVL = F/MODD/TO				CUST	OMER JOB NUMI
**** DRUM	R/GEORGIA AVE., 1 EST HWY), L/COLESU ROTATION COUNTER M	71LLE RD TO JOB ON MUST BE WORKING	STREET, RIGHT,		colling
1 410 MANU LOAD TIME	EL VILLEDAS START, POUR		ORDER#		FLOW MEDUE
ARRIVE JOB SITE  LOAD: CUMULATIVE	PINISH POUR  ORDERED RAODUI		VATER ADDED TO THIS CONCRETE DDED IS AT CUSTOMER'S RISK.  O.ON JOB AT CUSTOMER'S REQUE TO THIS LOAD BY AUTHORITY OF	THE STATE OF THE PARTY OF THE	STRENGTH
QUANTITY QUANTITY	QUANTITY GODE	CT PRODUCT DE	SCRIPTION UNIT OF	0.55	
	CHARTEN STATE OF THE STATE OF T	PRODUCT DE	SCRIPTION UNIT OF MEASURE	UNIT I	AMOUNT:
NOTE: CUMULATIVE 3	11.00 SBKIDE	NE BOOM PS1 #AST	SCRIPTION UNIT OF MEASURE	UMT PRICE	AMOUNT :
NOTE: CUMULATIVE 3  CON_SAND 1370 STONES 1480 CEMENT \$ 550 WATER #1 35.0 SLAG 360	CODE  11.00 SBKIDC  LANTITY VALUES MAY  LB SUPER  LB DC1  Ga  LB	NE BOOM PSI #857  NE REFLECT ACTUA  45.5 oz  75.0 oz  128.0 oz	SCRIPTION UNIT OF MEASURE  SCE HR/1DL CY  AL YARDS ALRIVED DN SUB	JOB, TOTAL TAX TOTAL	

. WITH LET COMPANY

SET# 486

# Silver Spring Transit Center Project

· · · · · · · · · · · · · · · · · · ·	//. △ / i) · ∞
DATE: 12-21-10	16027-0- MD
WEATHER: BUNNY	TEMP: Concrete = 620
POUR LOCATION: SLOPE	COLUMN DZ ELEVATION 305' 16 330'
the state of the s	
MIX DESIGN: 8000	PSI CUBIC YARDS: 11 Cu = total placed 1
	Chelle / Blicker
PLACEMENT TIME: STAR	T: // 3/pm [] 12//
A SALAN SERVICE OF THE SALAN S	
ACTIONS:	
	A STATE OF THE PARTY OF THE PAR
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
BALTER VERIFICATION	CONCRETE AND REINFORCMENT FORMWORK / SHORING
BALTER VERIFICATION	FORMWORK/SHORING
BALTER VERIFICATION	
BALTER VERIFICATION	FORMWORK / SHORING SUB-GRADE FOR SLABS
BALTER VERIFICATION	FORMWORK / SHORING SUB-GRADE FOR SLABS FOUNDATION BEARING

(	CONTRACTOR OF THE CONTRACTOR (1)	Concrete l'est kesults	
1st truck	Project Name: Silver Spring Transite	Str. Project Job Number: 160 27 -0 - M	D
44	Date: 12-21-10	Truck #: 410	
et 486)	Ticket #: 91974	Mix Designation #: 58KIDCNL (Sc	دد
1 st test	Placement Location: Sloped Colur	Mix Designation #: S8KIDCNL (Somn D-2 elev. 305' to 330,8000 PSi	
	Slump Flow Test (ASTM C1611 Standard Test Method for Slump Flow of Acceptable Range: 22"-30" Flow		
-	Visual Stability Index Test Acceptable Range: 1-2 (If 3 on first test, retest or	once)	
	1 <u>st test</u> 01 2 3	Retest 0 1 2 3	
]	(Please Circle)	(Please Circle)	

PASS

FAIL

(Please Circle)



THE REMARKS TO BALTER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

www.BALTERco.com

2 ND truc	Y Self-Consolidati	ng Concrete Test Results
strest	Project Name: Silver Spring Tra	MSit Ctr. Project Job Number: 16027-0-M
lo cylis	Date: 12-21-10	Truck #: 77
o Cyli	Ticket #: 91979	Mix Designation #: 8000 PSI SAKIDONA
	Placement Location: Sloped Colum	My D-2 clev. 305'to 330'
	Slump Flow Test (ASTM C1611 Standard Test Method for Slump F. Acceptable Range: 22"-30" Flow	
	22" 23" 24"	25" 26" (27") 28" 29" 30"
	(Record to nearest ½ inch)	
,	Visual Stability Index Test Acceptable Range: 1-2 (If 3 on first test, re	test once)
	$ \begin{array}{c} 1\text{st test} \\ 0) & 1 & 2 & 3 \end{array} $	<u>Retest</u> 0 1 2 3
]	(Please Circle)	(Please Circle)

PASS

FAIL

(Please Circle)



MARIE BALTER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

www.BALTERco.com

### Rockville Fuel & Feed Co., Inc.

Self-Consolidating	Concrete	Test-Results
--------------------	----------	--------------

Date: 12-6

Truck #: 410

1st-Truck

Tester: Jim Munro-John Hershey----Cody Smolinski-----John Wells-----

#### Slump Flow Test

(ASTM C1611-Standard Test Method for Slump Flow of Self-Consolidating Concrete)

Acceptable Range: 22-30" Flow

22"

23"

24"

 $25^{\rm u}$ 

26" (Please Circle) 27"

(28")

29"

30"

#### Visual Stability Index Test

Acceptable Range: 0-1 (If 2 on first test, retest once)

Parent .	<u>1 s 1</u>	t <u>Test</u>	:		<u>Re</u>	<u>test</u>	
(0)	1	2	3	0	1	2	3
<u></u>	(Pleas	ie Circle)			(Please	e Circle)	

### Segregation Test

(ASTM C: 610-Standard Test Method for Static Segregation of Self-Consolidating Concrete Using Column Tech.)
Acceptable Range: 0-18%, using below listed ASTM C1610 calculation

CA top (lbs.) \*

CA bottom (lbs.)

8.4-7.9

8.4+7.4/2

S (% di-ference)

6.1%

.5

8.15

 $\frac{|S\% = [(CA, bottom - CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom - CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom - CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom - CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom - CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom - CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom - CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom - CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom + CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom + CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom + CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom + CA, top)/((CA, bottom + CA, top)/2)] * 100}{|S\% = [(CA, bottom + CA, top)/((CA, bo$ 

PASS FAIL
(Please Circle)

FAX results to Nick McIntosh, Facchina Construction Company, at (240) 776-7303

## Rockville Fuel & Feed Co., Inc.

		Self-Co	nsolida	ting Concre	ete Tesi	Results		
Date: Truck #: Ticket #:		XI-10 WW.K.	***************************************	2~2	1/40	els.	)	
Teste	Jim Munro	Jol		iey — Cod (Please Circle)	y Smolin	skiJ	ohn Well	S and see use one or
				low of Self-Cons	olldating C	oncrete)		allether-Talunchunen annskripping and und bur 'van
22'	23",	24"	25"	26" (Please Circle)	27"	28"	29"	30"
1	bility Inde e Range:		on first	test, retest o	nce)			
(5)	<u> 1st T</u>		_		_	Rete		
0/	(Please C	2 Ircle)	3′		0	l (Please)	Z Circle)	3
Acceptable CA top (lbs CA bottom 5 (% differe	-Standard Teses Range: (CS.) (Ibs.)ence)	)-18%, us	sing beld	regation of Self- ow listed AST	M C1610	O calculati		imn Tech.)
-		PAS	/	Please Circle)	FAI	L	I	

FAX results to Nick McIntosh, Facchina Construction Company, at (240) 776-7303

Slump:

6.00 in # Water in Truck:



#### 18 Music Fair Road . Owings Wills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

	- Partie and the Control of the Cont	
Project: 557 Proj. No	o.: /b027-0-mo	Supplier: LAFAR6E
Client: Monthomery County		Ticket No.: 65349710 Truck No.: 20
Contractor: Seasoneo		Water-Cement Ratio: 0.28
Sample Location: CA3650N # 76 (C	4-12.7)	Mix Number: RMX C129601 R
		Mix Design: 6000
Wethod of Placement Chure / The	EMLE	Time Batched: //:o٧
Slump: 8" inches	many transfer and the grant many transfer and transfer an	Batch Size: 7 cu vds
Water added at site? X Yes, 15	gallons ⊠No	Date Molded: 12-21-10 Time: 12:40pm
Specimen made by: BRAWF.		Date Delivered to Lab:
Concrete Temperature: 62°		Unit Weight:PCF ☑ N/A
Air Content: 6.2/, N/A	•	Weather: SUNNY
Specimen Set No.: 487	•	Air Temperature: 36° °F
Test Req'd:AtDays;	At 7 days;	At 14 Days; At 28 Days; _/ Reserv
Remarks:		Promisence Printing P
ant: LCM Eastern US - ROCKVII uck Number Batch User Disp 06 kpepple 653	o Ticket Num	0
ad Size Mix Code Retu 00 CYDSRMXC128601R x: 6000 AE 1/2" AGG RECOVER	urned Mix	Qty Seq Load ID D1 77484
Mins Secs Customer:	SEABOARD FO	OUNDA PO:
AVE TAKE 2ND LEFT TO JOB.R.		
erial Description Design Qty Required TONE #7STONE 1569 lb 11077 l   SAND SILSAND 1317 lb 9745 l   ENT CEMENT 400 lb 2800 l   6120 SLAG120 280 lb 1960 l   FER WATER 30.0 gl 112.9 g   ENTRN AIRENTRN 7 oz 48 c   ENTRN AIRENTRN 7 oz 784 c   ENTRN HR 112 oz 784 c   ESTBLZR HYDRA STABILIZI 32 oz 224 c	Batched b 10960 lb b 9640 lb bb 2820 lb lb 1945 lb gl 112.0 gl oz 48 oz oz 784 oz oz 224 oz	% Var % Moisture Actual Wat -1.06% 0.85% M 11 gl -1.08% 5.40% M 62 gl 0.71% -0.77% -0.80% 112.0 gl 0.84% 0.00%
HR 112 0Z (84 0	oz 224 oz	

Adjust Water:

SATETY CATARGE NUMBER OF SERVICE ROSE  3 SOR E. Joppa Rose	TTC. AM. Laturge No			andun Gupak	LE MIX PL	Re col	d/hot weath codures an RMS OF PA	or curb side ler requires : a the respon YMENT: AS	delivery onty. C special procedure sibility of the purc S PER QUOTA!	TION
Touson, MD 21286		Ang also			Harr				.com under Safet	
Main Office: 1-4	<b>(∅</b> 847-33 <b>0</b>	0	0 Mmp		P	11:	ļ	Ť	ICKET NUMB	ER
10-1 Load		0-2 Leave Plant		10-3 Ar	rive Job Site	17116	1		6534971	100
1 11:30		. /	1/20	1	2 30		:			
10-5 Start Discharge	11	0-6 Finish Dischar	ge		ave Job Site	and the second s	10-10	Arrive Pl	ant	
ADDITIONAL WATER ADD	ED TO THIS CO	NCBETE WILL	DVEDSELV ACE	ECT ITE	DEDECIDARANIO	E ANIX WA	TED AD	DED 10 %	:	-miniminio
PLASTICIZER CAN BE AD	IDED AT AN ADI	DITIONAL CHAR	GE.					FST	CHIEMP	IN S
WATER ADDED ON SITE	Y N TIME		MOUNT	TIME		AMOUNT		RESU	JLTING SLU	VP IN
THE OPERATOR OF THIS TRUE CURRENT HOLDING TIME BAT	CK IS ALLOWED A	MAXIMUM OF	MINUTES	NE: IN WHIGH T	O UNLOAD: TRU		IED BY: JOBSITE	LONGER	WILLIBE BILLE	D'AT THE
IESIED VINI	CURE METHOD									
							*****			
PROJECT NAME: SILVE	मिंश एटएडे राष्ट	55 - MOV 25	-E/ & NEC	दंय, है/	, 31			(8)(g		
COMMENTS: Batcher/Driver 1						***************************************	<del> </del>			
THUILE THE TOTAL OF THE	-11 t O ( 3052 F 3 f) f			er die verseeren erwer eft dem bei be			14 (j.)		***************************************	***************************************
CONCRETE USE	ORDER #	LOAD SIZE	MiX	al	PEC. SLUMP	ORDER SLUM	p	% AIR	DATE	
CAISSUNS/PILES	6056	7.00	TANXETS 88	ørn	6 B	Chora Scom	•	N CHILA	Dec	21, 2010
SOLD TO: SEABOARD FUUMDA	***************************************	A making take and halfold a company of property over the analysis of the second	CUSTOMER#		PROJECT # 34267	<del>'</del>	P.O.			JOB LOVD #
DRIVER	TRUCK #	MAP PA			i		100,110		LIE BUE	
Fred Terry	360088	16:		ONE #		PLANT 5 65.3	JOB NO.	TI	MEDUE 121124	PRINT TIME
DELIVERY ADDRESS:	112.141 SHIPE	CO TACHORT	THIEN WAY	SEND B	ULCH BECO	bbc 66	I			1
INSTRUCTIONS:	<u>i ay chose</u>	<u>: 10) 29 <b>R</b> D</u> I	À ŤKi∧¥II <del>.</del>					*************		— A marine reconstruction and account of the contract of the c
INSTRUCTIONS TWE TAKE 200 LEF	T TO JUB. H	AT FULGER	PRAIT, JUE	and the second						
***PESET COUNTER	"****	un Co	unit /	67	•			.**		
	クシススト	your p								
LOAD CUMUL (	ORDERED ,	4012 4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	<u> </u>				******************			
	QUANTITY 3	PRODUCT CODE			OUCT DESCRIPTION			UOM	UNIT PRICE	TAUOMA
8 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	। १. एए. विश	XUIZBEWIN	15191/1VI 341:	1 (智" 角	SH MELIDVE	R		0.17		
		DE LEA			Stump B.	0" W				
		len in			Aur = 6.2	o) W				
		\ LIMBIL	<b>*</b> J							,
		<u> </u>			out romp: 5					
		(2)			now xomb.f	20				
				42	Con Xomp: 6 D= 156AU	กพเ				
7.00	15.11	74480	ENV. FEE	1164	- CONTROL	V = 3		C V		
7.00	3	14690	FREIGHT							
1,00	14.1	七段領籍	FUEL STRE	, thillian.						
				١						
		CASSSON H	76 (C4-1	2.7)						
AUTION: Freshly mixed coment	t, mortar, concrete	OF OFOUR MAY CAUSE	skin injury Avoid o	contact				SUB T	OTAL	
ith eyes where possible and was ets into eyes rinse immediately a	nd repeatedly with	water and get prom	int medical treatme	ant	Pal			TAX ·	OT11	
eep children away from wet conc	crete. Pleasé see re	evelse. A title of	新 特. E 2000.	,t. 3,			y	SUB T	OTAL TYMP	
rint Nama								TOTAL		
rint Name		Signed by								L

- II W. WALLET COMPANY

# 2

# Silver Spring Transit Center Project

SET # 487

#### 18 Music Fair Road Owings Wills, Maryland 21117

### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

SST Proj. No.: 16027.0-MD	Supplier: LAFARGE
MONTGOMERY COUNTY	Ticket No.: 65344731 Truck No.: 130
Seasoner	Water-Cement Ratio: 0.28
ition: (ALSGON # 77 (C5-13-2)	Mix Number: RMX C128(201R
1273400 11 11 11 13 13 4	Mix Design: 6000
acement _ CHUTE / TREMEE	The state of the s
8" inches	Time Batched: 901AM cu yds
at site? Yes,gallons \No	Date Molded: 12-22-10 Time: 10:39 km
ade by: REAN F. / JUSH M.	TOTAL CONTRACTOR OF THE PROPERTY OF THE PROPER
nperature: 57° °F	Date Delivered to Lab:
7.0 /. N/A	Unit Weight: PCF N/A
# No.: 488	Weather: CLUVOY
At Days; At 7 days;	Air Temperature: 57.200 °F
REVS= 139	_At 14 Days; At 28 Days; Reserved
116/2-17/	
40 vi	
Eastern US - ROCKVILLE #368 r Batch User Disp Ticket Num T kpepple 65349736	
Mix Code Returned Mix Qty RMXC128601R E 1/2" AGG RECOVER	Seg Load ID D1 77510
Secs Customer: SEABOARD FOUNDA 2ND LEFT TO JOB.R AT	PO:
Design Qty   Required   Batched   %\     1569   ib   14228   ib   14920   ib   > 4.87%     1317   ib   12503   ib   12480   ib   -0.19%     400   ib   3600   ib   3585   ib   -0.42%     260   ib   2520   ib   2515   ib   -0.20%     30.0 gl   150.1 gl   149.0 gl   -0.70%     7 oz   61 oz   61 oz   61 oz   -0.33%     112 oz   1008 oz   1008 oz   0.00%     120   ib   1080   ib   1090   ib   0.93%	/ar % Moisture Actual Wat 0.75% M 13 gl 5.20% M 78 g1 149.0 gl
Num Batches: 2  Design W/C: 0.313 Water/Cement: 0.279 A Design Water in Truck: 0.0 gl Adjust Water: 0.0 gl / Load	270.0 gl Actual 240.2 gl To Add; 29.8 gl Trim Water; -3.0 gl / CYE

/ilai	F/A	Fä	G	1070C 2010B 1020B
Liller			6.18	

CONDITIONS

DELIVERY CONDITIONS: Responsible for curb side delivery only. Concrete placed cold/hot weather requires special procedures. Appropriate: procedures are the responsibility of the purchaser.

<i>Liber</i> Liberist				anting S	áta i dala				L:343	proce	dures are	the respon	special procedure nsibility of the pure S PER QUOTA	chaser.
Supplemental Services	Juapa R	vad, buši		Harris I diss	Te				;				request, can also a.com under Sate	
		and the second s	5 34303	Jung	197	134						٦	LICKET NUME	BER
10-1 Load			10-2 Le	ave Plant	27	10-3	Arrive Job	Site	••••		1		1700	NC,
	9:41	1		0:2	1/2		10:	4	£ .					
10-5 Start D	ARE LET PRODUCT OF MET AND PRODUCT CODE  AREA STATE OF THE PRODUCT DESCRIPTION  TENNS OF THE PRODUCT DESCRIPTION  TENNS OF THE PRODUCT DESCRIPTION  MSDS Salety  MSDS Salety		10-10 Arrive Plant											
	:			:			:						:	
						FFECT ITS	S PERFO	RMAN	CE. A	NY WAT	ER ADI			
		t.mmdarced				<b>~1</b> 6.	a ***			13 T&17°C			SLUMP	41
											·····	HES	ULTING SLU	MP IN
SP ADDED	ON SITE	BLICK IS ALLON	T:	MINA OF G	PRINT N	AME:	TO UNITO	מד רוגו	IICKS F	- SIGNE	ED BY:	LONGED	MIL DE BILL	D AT THE
	OLDING TIME	RATE. X	VEID / W/O(II	WOW OF THE	WIRACIL		1 TO UNEO	70. III	DONO!	ILLED AT U	ODOITE	LONGLIS	WILL OF DIEFE	
TESTED CYLINDER	IS YN		Y	N AIR		% SLU	JMP		IN	MIX TEN	1P		F AIR TEM	
PROJECT	NAME: ST	PER SPIN	NG TWY	SII CEN	ren		海南 图	[  h]]_	HIII	<u> </u>	{ X	(XXX		,
	HÖL	JOAY CLE	SINGO	HOV 25	-27 & DE	Lade i	17, 21					· · · <del> / - · · · · ·</del>		
		· Ja. Erst mis	1.0	V					· <del>- · · · - · · · · · · · · · · · · · ·</del>		amentinte amine car amen	·····	······································	
CHUTC	T A CIT L STAFF	\$ 4 8 1 4 5 5 KH 2 5	C COREA		***************************************	***************************************						africa e un al affirmation describerante un		
CONCRETE US					\$	ár. Ori ta	1	MP				% AIR	DATE	
SOLD TO:	1107 6 1 6,6	7 100	( ).	2.5 (\$1/5)	1			ICOT #		1 ;	Teo -	1		old, tub ¥ Job Load #
	RO FOLIA	1()							79		1.0.			1
DRIVER	20010			MAP PA	GE	ZONE #					JOB NO.	T	IME DUE ↓ (₹ ± (₹ )	PRINT TIME
		ALVED OP		<del>lande 1 - Cit</del>	HTCR	SEND	BATCH	<del>-13(212</del>			<u> </u>	<u> </u>	<del>-4174712</del> **	
DELIVERT ADD														
INSTRUCTIONS						OB			/ <del></del>					
			DESTRUCTION	r unacuary	ENTER D	),,1 t., * •								
LOAD QUANTITY			PROD	OUCT CODE		PR	ODUCT DE	ESCRIP	TION			UOM	UNIT PRICE	NOMA
9, 80	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	************	RMXCI	28601R	6000 0	E 1724	AGG RI	ECOV	ER			C7		
	14.61					<b>5</b> 1	CULVY	Smp=	280					
j					1 24	Pal		•						
					(488	lind. Bod	Shum							
						بر م	erea.							

GONIALL	I GOMMINI	COMMITT	1		i	
9, 00	9,00	18.00	RMXC128601R	6000 AE 1/2" AGG RECOVER	67	
			}	COUNTEMD = 28°		
				Stylette Con temp=28°		
				Summe gr		
				160 = 70%.		
			-	( ) STANGO ( ) 10: 39am		
				Revs 139		į
9, 00		<u> </u>	RTRABON	ENV. FEE	CV	
9,00			REPRACEO	FRETORT		
1.20			RIMANAM	FUEL SURCHARGE.	-	
			10000000000000000000000000000000000000	CAISSON #77 (C5-13.2)		
·		***************************************	·			

CAUTION: Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with eyes where possible and wash exposed skin areas promptly with water. If any cement mixture gets into eyes rinse immediately and repeatedly with water and get prompt medical treatment. Keep children away from wet concrete. Please see reverse.

UV SIGNING VOR AGREE WITH BOTH LIGHT OF THE FIGHT.





SUB TOTAL	
TAX	
SUB TOTAL	
HULDING TIME	
TOTAL	

# THE HUBERT B. BALTER COMPANY





# Silver Spring Transit Center Project

PROJECT NUMBER:/	6027-0- MD
DATE: 12-22-10	IVII
WEATHER: CLOUSY	TEMP: Concrete =57°
POUR LOCATION: CA	71550N #77 (C5-13.2)
MIX DESIGN: 6000	PSI CUBIC YARDS: 18 Cus = total placed to
CONVEYANCE METHOD:	CHUSE / TREMIE
	T: 11:00 mm FINISH: 11:55 mm
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	
VENIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
a command the state of the stat	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

#### 18 Music Fair Road Owings Mills, Maryland 21117

Project: 5	97 P	roj. No.:	160270.M	<i>?/)</i> S:	upplier:	LAFAR	&F		
Client: <u>Non</u>	Momery Cou		viene same and a second same same same same same same same same	-29 DH	icket No.	- Comment		Trucl	No · 200
Contractor: Sty	ABDARD		##PCP\$34CCE###################################		later-Cer			0-28	M.Charletterin
Sample Location:	CAESSON	78 (Cb;	3-13.4)		ix Numb		Me		)
	wayoonaaa waa waa ka ahaa ahaa ka ahaa	anima and anima			ix Desig		6000		
Method of Placem		ME / TRE	ME		me Batc	hed:	1:42	-	
Slump: $\frac{7.5}{}$				Ba	atch Size	: 9	)		cu yds
Water added at sit	·		gallons ⊠No	Da	ate Mold	ed:   Z · Z	12:10	Time:	2:49pm
Specimen made b		***************************************	H M		ate Deliv				
Concrete Tempera		······································		Ur	nit Weigi	nt:		PCF [	] N/A
Air Content: (		] N/A		W	eather:	(	Cloub	Y	
Specimen Set No.:		89		Aiı	r Tempe	rature:	30	)° .	F
Test Req'd: Remarks:REV5=		ays; 🚶	At 7 days;	At	14 Days	; 2	At 28	Days:	Reserved
						A Laboratoria de la composición de la composició			
ck Number Ba	tch User	Disp T	icket Num		et ID			Date	(1.0
ck Number Ba 5 kp	tch User epple	Disp T 653497	icket Num 58	0	et ID	13:	53	12/22	/10
ck Number Ba 5 kp d Size Mix C 0 CYDSRMXC1	tch User epple ode 28601R	Disp T 653497 Return	icket Num 58		et ID		53 Loa		/10
)5	tch User epple ode 28601R " AGG RECO	Disp T 653497 Return VER	icket Num 58	0 Qty	et ID	13: Seq	53 Loa 77!	12/22 ad ID	/1.0
dck Number Ba 15 kp d Size Mix C 10 CYDSRMXC1 : 6000 AE 1/2 Mins Sec	tch User epple ode 28601R " AGG RECO	Disp T 653497 Return VER mer: SE	icket Num 58 ed Mix	0 Qty	et ID	13: Seq Dl	53 Loa 77!	12/22 ad ID	/10
ck Number Ba 5 kp d Size Mix C 0 CYDSRMXC1 : 6000 AE 1/2 Mins Sec	tch User epple ode 28601R " AGG RECO s Custo: LEFT TO JO	Disp T 653497 Return VER mer: SE	icket Num 58 ed Mix ABOARD FOU  Batched 14780 tb 12440 lb 3605 tb	O Qty UNDA %Var% M 3.88% 0.7		13: Seq Dl	53 Loa 77!	12/22 ad ID	/10

### afarge

CONDITIONS

DEUVERY CONDITIONS:
Responsible for curb side delivery only. Concrete placed durity cold/hot weather requires special procedures. Appropriate place procedures are the responsibility of the purchasor.

						, f'	4 a 1 3	andre de la compania de la compania Esta de la compania d				nsibility of the pur S PER QUOTA	
										MSDS Saf www.Lafar	ely sheet upon geNorthAmeric	request, can also a.com under Safe	be found at ty and Health.
			4.4									TICKET NUME	
0-1 Load				2 Leave	Dlant			A	****			8.534 £.1	13:
)			10-,		r:αιπ. ″:			Arrive Job Site				****	er er
0-5 Start	Discharge	***************	10-6	6 Finish		NA		·					
	:			01111011	:	ge.	10-8	Leave Job Site :		10	-10 Arrive F	'lant	
DDITION	IAL WATER A	ADDED TO	THIS CON	CRETE	WILL A	DVERSELY A	AFFECT I	IS PERFORMA	NCE. ANY V	VATER	ADDED IS	AT CUSTOM	ER'S RISK.
	DDED ON SIT	pre esqueres	,	HONAL		MOUNT	Ti	ME	AMOUNT			SLUMP	IN
*****								1111-			ពឩច	ULTING SLUI	VIP IN
P ADDEC 1E OPERA	TOR OF THIS T	BUCK IS AT	UNT: LOWED A M	AXIM IM	or G	- PRINT N	AME:	CH TO UNLOAD. T		GNED E	3Y:		
URRENT H	OLDING TIME	RATE. X	LOTTED 77 W		OI	- WINYO 11	ES IN WHIC	A 10 UNLOAD. I	HUCKS HELD	ai jobs	ITE LONGER	WILL BE BILLE	D AT THE
TESTED CYLINDER	RS YN	CURE METHO	מכ	ΥN	AIR		. % SL	9MD	IN MIX	TEMP _	•	F AIR TEMI	)o
ROJECT	NAME:	terita	1114 11	· 34 - 1.	4 1 ( .	á 1.		rapplity for	k THINGS S	Y 30.7	T - F X X		
	rs:	1.15.7	2 2 75 2 7 3 1 1 1	, , ;	ny , z	iii	4 4	87. O	,	** * · · · · · · · · · · · · · · · · ·		*******************	
	gr. 13.23 v					****						*****************************	
Charft.		364	167 , 5 5 3 5 7 7 3 5	******									**************************************
ONCRETE U	SE	O	RDER #	LOAD	SIZE	MIX		SPEC, SLUMP	ORDER SLU	JMP	% AIR	DATE	
	ML-141.45	;	CAMPAGE.		t, this	F#0 CH:	(1/24)16	6 8	£				aat aatv
OLD TO:	order a salarda					CUSTOME		PROJECT #		P.C	),		JOB LOAD #
IVER	47) (1) <b>4</b> 54)		RUCK #		7		8748	3420					3
	Ber 5783		HOOK# BOMMEND	4	MAP PAG	iati	ZONE #		PLANT	JOB I	10.	IME DUE □ I (A ± \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	PRINT TIME
	in whit Li Cooki						T):T						
LOAD WANTITY	CUMUL. QUANTITY	ORDERE	1 133	RODUCT (	CODE		PF	RODUCT DESCRIF	PTION	***********	иом	UNIT PRICE	AMOUNT
7,00	EY. 000	43. <b>9</b>	980 CMX	CIEAG	O t i?	1 487	(2)	CON ALM	p= 30° p= 103° = 7.5" = 60% 0 2:49pm		C. V		
9.08 14.00 1.83			Rise	4688 4699 4660		FIRE LOSE	i i i - ' : ,,	# 78 (c	r . <b>Ha</b> )		gr No		
UTION: Fr						1447	25010	# 18 6	b3-13.4/				

# HE RUDERI B. BALTER COMPANY

5时址 4**89** 

į

# Silver Spring Transit Center Project

PROJECT NUMBER: 160:	27-0- MD
DATE: 12-22-10	
WEATHER: CLUUDY	TEMP: Concrete = 63°
POUR LOCATION:	Casta 78 (C63.13.4)
MIX DESIGN: 6000 PS	CUBIC YARDS: 18 Cyas = total placed t
PLACEMENT TIME: START:_	2:45 pm FINISH: 4:00 pm
DELAYS:	
ACTIONS:	
English of A side for the	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

Moisture compensation water: 87



#### 18 Music Fair Road Owings Mills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: SST Proj. No.: 16087-0-MD	Supplier: R.F.F.
Client: Monthomery County  Contractor: FACCHENA  Sample Location: DARADET WALL 350 BETWEEN COLUMN	Ticket No.: 92/// Truck No.: 67 Water-Cement Ratio: 0.37 Mix Number: 45K102N
Method of Placement CRANE / BUCKEY  Slump: 5" inches  Water added at site? Yes, gallons No  Specimen made by: BRIAN F. / 005H M  Concrete Temperature: 53° °F  Air Content: 511.  N/A	Mix Design: 4500  Time Batched: 9:31Am  Batch Size: 7 cu yds  Date Molded: 12-23-10 Time: 10:000m  Date Delivered to Lab:  Unit Weight: PCF X N/A  Weather: 54NNY / WENDY
Specimen Set No.: 490 Test Req'd: At Days; At 7 days; Remarks: REVYs	Air Temperature: 32° °F At 14 Days; 2 At 28 Days; 1 Reserved

RUCKVIL PLANT #	LE } 1 &	FUEL AN	ID F	EED Z				23Decl0 9:31AM				o Gates WET chs. i of !
Volume: Truck #	ŝ. w. s. v.	(b /		TOMMIE	#45K1D TOMLINS	EN TO		Ticket	1	98111		IR/WR/LDCI
MY(C+P)	Rat	io: Ø	. 37		.,			SHLVER	SPRI	NG TRA	MSIT (	JENTER-750
Material	ļ.	Des	ign	Moist	Ý.	, Targ	et;	Äctu.	a î	Fre	e H2O	atatus
CON_SAND		1166	Lb		0.0%	8729	1 h	Q17536s	i la	CT 23.23		
CEMENT SLAG AEA DCI WRDA	9 *1	423 282 6.0 128.0	Lb oz oz				Lb 07		Lb ox	/Z) 1	Lo Lb Lb	Done Done Done Done
,	*1	21.0 33.2		0.0% 100.0%		147 131		146 L 131				Done
Ice/Batc	h 	Q Lb	Wa	ter allo	wed by	mix de	sit	ant. St				

Water allowed at jobsite: 14 Gai

	P.O. Box 1707  2-23-10 Rockville, MD 20849-1707   PLAN	REVISIONS: Stup for the park, MD and the	CAUTION: FRESHLY MIXED CONCRETE MAY CAUSE SKIN IRRITATION. AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER. IF ANY CONCRETE GETS INTO THE EYE, RINSE IMMEDIATELY AND REPEATEDLY. WITH WATER AND GET PROMPT MEDICAL ATTENTION.  KEEP OUT OF REACH OF CHILDREN  301-762-3988 1-877-847-RMIX
	23-Dec-10 6CYL MADE	lumbia, MD	351010
ř	CUSTOMER # CUSTOMER NAME 7572 FACCHINA CONSTRUCTION CO., IN		TRANSIT CENTER-750
	BAWA COLESVILLE ROAD, SILVER SPR	LOT/BLOCK P.O. #	CUSTOMER JOB NUMBER
	RVL - E/NORBECK, R/GEORGIA QVE., PASS I-495 L/RT.410, EAST-WEST HWY), L/COLESVILLE RD T	JOB ON RIGHT.	USE WALL SLUMP 3-5"
	PLANT TRUCK # DRIVER 1 S7 TOMMIE TOMLINGON	ORDER#	TIME DUE 10:29
	LOAD TIME 9:31AM START POUR	ADDITIONAL WATER ADDED TO THIS CONCR ANY WATER ADDED IS AT CUSTOMER'S RISH	ETE WILL REDUCE ITS STRENGTH.
0	ARRIVE JOB SITE FINISH POUR	WATER ADDED ON JOB AT CUSTOMER'S REWATER ADDED TO THIS LOAD BY AUTHORIT	The second secon
n	LOAD CUMULATIVE ORDERED PRODUCT QUANTITY QUANTITY CODE	PRODUCT DESCRIPTION WEASURE	UNIT: AMOUNT
	7.00 1.3.00 *45K1D2N 450	a PSI W/AIR/WR/IDCI CY	
	NOTE: CUMULATIVE QUANTITY VALUES MAY NOT RE	TECT ACTUAL YARDS ANRIVED	ON JOB.
	CON_SAND	32	SUB TOTAL TAX TOTAL
	between the contract of the co		

I HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

| DARFORK WALL 350 | BEWEEN COLUMN LINES | 610 7.5 x (IN "B" LUME
| CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

- WHATTHE I LITTLE HAVE

SET# 490

Ĵ

# Silver Spring Transit Center Project

PROJECT NUMBER: 16027-0- MD
DATE: 12-23-10
WEATHER: SUNNY /WENDY TEMP: Concrete = 53°
POUR LOCATION: PARAPET WALL 350' LEVEL BETWEEN COLUMN
LINES 610 7.5 ON "B" LENE
MIX DESIGN: 4500 PSI CUBIC YARDS: 13 Gus total placed to
CONVEYANCE METHOD: CRANE / BUCKET
PLACEMENT TIME: START: 10:01 NM FINISH:
DELAYS:
ACTIONS:
SALTER VERIFICATION CONCRETE AND REINFORCMENT
FORMWORK / SHORING
SUB-GRADE FOR SLABS
FOUNDATION BEARING
REINFORCING STEEL
ELEVATED DECK SLAB
DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road Owings Mills, Maryland 21117

### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>55</u> Proj. No.: <u>16027.0.MD</u>	Supplier: R.F.F.
Client: Monthomery County	Ticket No.: 479530 Truck No.: 81
Contractor: FACCHENA	Water-Cement Ratio: . 33
Sample Location: PARAPET WALL 350' LEVEL "B" LIVE	Mix Number: 45KIDZIV
From Approx 7.5 to 9".	Mix Design: 4500 PSE
Method of Placement CRANE / BUCKEX	Time Batched://:52 AM
Slump: 4 inches	Batch Size: /0 cu yds
Water added at site?	Date Molded: 12-28-10 Time: 1:00 PM
Specimen made by: <u>BRYAN F / KOM W.</u>	Date Delivered to Lab:
Concrete Temperature: 55 °F	Unit Weight: PCF X N/A
Air Content: 5% N/A	Weather: SUNNY / WENDY
Specimen Set No.: 49	Air Temperature: 39 °F
Test Req'd:AtDays;At 7 days;	At 14 Days; Z At 28 Days; Reserved
Remarks: <u>REVS= 175</u> 2= 56DAY'S	- Annual

ROCKVILLE FUEL AND FEED PLANT #4 (BRANCHVILLE)

28Dec10 11:52AM

Volume:10.00 yd3 Mix ID: \*45K1D2N Truck #:... 81 KEVIN FOSTER

Mix Desc: 4500 PSI W/AIR/WR/1DCI Ticket # 479530

FACCHINA CONSTRUCTION CO., INC.

MZ(C+D) Ration B PT

Material		Des	ign	Moist		Targ	et	Actu	a l	Er.e	e Halo	) Status
CON_SAND STONE		1166 1750		4.0% 0.9%	0. 0% 0. 0%	12146 17658		12140 17660	1	485 158	Lb Lb	Done Done
CEMENT SLAG		423 282		0.0% 0.0%		4230 2820		4260 2830		(Z) (Z)	Lb Lb	Over Done
AEA DCI WRDA	<b>∦ ]</b> ,	6.0 128.0 21.0	OZ	0.0% 0.0% 0.0%		30 1280 210	OZ	1312		(Z)	Lb Lb Lb	Done Done Done
WATER	# <u>1</u>	Ada E.	Gal	100.0%		214	Gal	204	Gal	1699	L.b	Manual

Ice/Batch Ø Lb Water allowed by mix design: 332 Total Water 28i Moisture compensation waters. 77 Water allowed at jobsite: 50 Gal

N	P.O. Bo Rocky ATE 28 AB Dec USTOMER 7 75 7 8 ELIVERY AD B464 CI STRUCTION	DCOMION 1707 IIIe, MD 2084 VI MARE LID CUSTOMER NAME FALL DRESS JLEEUILLE R	Revs PANY, I Slum 9-1707 AE CON. 4 Aic 40 ICHINA CONS DAD, SILVE	= 175 NC. BI P = 4" = 5% Emp. = 56 mp. 390 STRUCTION CO	MAP LO	NCRETE  IONS:  ID PATAF  ID PROJECT NAME  STLVER	<u>eleva</u>	CAUSE SKIN IRICONTACT WHER EXPOSED SKIN WATER IF ANY CEYE FINSE IMMEDIATE AN ATTENTION.  KEEP OUT OF THE CONTROL OF THE CONTRO	DUSTOMER JOB NUMBER
PE	ANT THU	CK DRUM RICK DRUM RICK DRIVEN  CK DRIVEN  KEVIN	STERMY), LOTATION CO FOSTER START PO	XCOLESVILLE UNTER MUST	ADDITIONAL VANY WATER A	RIGHT. ORDER # VATER ADDED TO 1 DDED IS AT CUSTO	omer's risk	e constante au	
	LOAD	COMULATIVE	FINISH PC	PRODUCT	WATER ADDE	O ON JOB AT CUST TO THIS LOAD BY	YTIROHTUA	0F.X	GAL.
	DUANTITY	QUANTITY	GUANTITY	CODE	PRODUCT DE	SCRIPTION	UNIT OF MEASURE	PRICE	AMOUNT
	10,00 NOTE:	10.00 CUMULATIVE	10:00	*45KIDAN *ALUES MAY N	4500 PSi W/F OT REFLECT AC		. Y3 כונ אט, B	B.	
	CON_SAI STONE SEMENT VATER SLAG	1750 423 *1 33.2	Lb DCI Lb URD	ie	6.0 oz 8.9 oz i.0 oz			SUB TOTAL TAX TOTAL	
I HE AUT SAIL	REBY AUTH HORIZATION PROPERT	ORIZED THE TRUCK N I ASSUME RESPON Y THAT MAY BE TRE	(OR TRUCKS) DELI NSIBILITY FOR ANY ESPASSED ON FOLL	VERY MATERIAL TO THE AND ALL DAMAGE THE OWING MY DIRECTION	HIS JOB TO LEAVE THE RO HAT MAY BE DONE TO SA NS. I FURTHER INDEMNIE	DAD AND DRIVE ONTO	O PRIVATE PRI RTY AND TO A	OPERTY AS I DIRECTLY OF THE PROPERTY AND THE	OT. IN MAKING THIS RTY ADJACENT TO

CUSTOMER OR AUTHORIZED SIGNATURE

RECEIVED BY: X

5ET# 491

# (1) Silver Spring Transit Center Project

PROJECT NUMBER: 16	2022 O MD
DATE: 12-28-10	
WEATHER: SUNNY/	WINDY Air = 39° TEMP: Concrete = 55°
POUR LOCATION: PARADE	IT WALL 350' LEVEL "B" LINE FROM APPROX.
MIX DESIGN: 4500 CONVEYANCE METHOD:	PSI CUBIC YARDS: 14 Cus total placed to  CRANE/BUCKET
PLACEMENT TIME: START	T: 1:05 pm FINISH: 2:00 pm
ACTIONS:	And the second s
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
Manager and the same and the sa	REINFORCING STEEL
	ELEVATED DECK SLAB
***************************************	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road Owings Wills, Maryland 21117

### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: SSTCT. Proj. No.: 16027-0-mb	Supplier: Rockyille Fiel & Feed Co.
Control of	
Client: Montgomery Co.	Ticket No.: 92216 Truck No.: 32
Contractor: Facchina	Water-Cement Ratio:
Sample Location: Round chlumn A2-1.9	Mix Number: 8KIDC2NL
330' to 350' level	Mix Design: 8000 PSj
Method of Placement Crave & Rucket	Time Batched: 10:35 AM
Slump: 7 inches	Batch Size: 1/2 cu vds .
Water added at site? X Yes, // gallons No	Date Molded: 12-29-10 Time: 11:20 AM
Specimen made by: Brian F. & Tom W.	Date Delivered to Lab:
Concrete Temperature: <u>65</u> ° °F	Unit Weight:PCF X N/A
Air Content: 5,6% N/A	Weather: <u>lear</u>
Specimen Set No.: 492	Air Temperature: 320 °F
Test Reg'd: At Days; At 7 days;	_At 14 Days; <u>2</u> At 28 Days; <u>1</u> Reserved
Remarks: Revs = 255. 2=56 day Break	

ROCKVILLE FUEL AND FEED PLANT #1 & #2

29Dec10 10:35AM

Flop Gates.. WET Batch: 2 of 2

Volume: 10.00 yd3 Mix ID: 8K1DC2NL Truck #:... 32 CHARLES BALLOU Truck #:... 32

Mix Desc: 8000 PSI #8 ST AIR/1DCI 92216

Ticket #

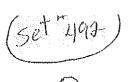
FACCHINA CONSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-750

W/(C+P) Ratios 0.25

W7(C+P) F	しまほり	.O.8 €/*3	11110						,, ,,,,,, ,,,,, ,,,,,,,,,,,,,,,,,,,,,,			The same state prior takes where show their man areas and trade areas.
		Desi		Moist		Targe	t:	Actua	a 1	Free	, HEO	Status
CON_SAND STONEA	u (u	1000 ( 1850 (		5.4% Ø.5%	0.2% 0.0%	5285 9296	Lb	5220	Lb Lb	285 46		Done Done
CEMENT SLAG AEA WRDA SUPER DCI	*1	54.6 128.0	Lb oz oz oz oz	0.0% 0.0% 100.0% 0.0% 100.0% 100.0%		2750 1800 18 205 273 540	Lb oz oz oz oz	2780 1810 19 204 272 672	Lb oz oz oz oz Gal	2 1 2 18 44 816	Lb	Done Done Done Done Done Done Done
WATER	취· ]	32.0	Gal	2 47 47 8 47 VA						Mart soull four print him!		and the state of t

290 Total Water Ide/Batch 0 Lb Water allowed by mix design: 320 Moisture compensation water:. 91 Water allowed at jobsite: 30 Gal

Rockvilk	1707  2:29 3, MD 20849-1	707	<u>Pl</u>		LOCATIONS: South of the contract of the contra			301-762-3 877-847-RI
JSTOMER#	OUSTOMERNAME FACCH ESS VILLE ROO	INA CONSTI	CERTIFICATION OF THE PROPERTY	, LINE		E SPRING T P.O.#	RANEIT GEN	TER-750
STAUCTIONS ART ALL	/MORRECK: R/	GEORGIA A' HWY). L/(	L VE., PASS I SOLESVILLE	AD III	R/16th STREET, I JOB ON RIGHT. KING ****			SUMB-6"
ANT, TRUC					ORDER #	30		TIME DUE: 27
DAD TIME	ið:35AM ITE	START POU			ADDITIONAL WATER ADDED TO ANY WATER ADDED IS AT CUS WATER ADDED ON JOB AT CUS WATER ADDED TO THIS LOAD I	romen's RISK STOMER'S RE(	DUEST	TS STRENGTH:
LOAD QUANTITY		ORDERED QUANTITY	PRODUCT CODE		PRODUCT DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	AMOUNT
in. no Note: c	10.00 UNULATIVE	10,00 ANTITY VA	BKIDC2NL LUES MAY NO		PSI *8 ST AIR/IDI		ON JOB.	
CON SA STONE8	VD 1000 1850		Ä .	7.2 1.0	)Z		SUB TOTAL TAX TOTAL	



## Silver Spring Transit Center Project

PROJECT NUMBER: 160	27-0- MD
DATE: 12-29-10	
WEATHER: Cleac	Air = 37° ————————————————————————————————————
	nd column A2-1.9
level 330 to 350'	
	SI CUBIC YARDS: Cu yas total placed
CONVEYANCE METHOD:	Crane of Bucket
	11:30 Am FINISH: 12:00 NOON
DELAYS:	
ACTIONS:	
A COMPANIE	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
No. of Contract of	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



### 18 Music Fair Road . Owings Mills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

	Supplier: Rockville Fueld Feed Co
Project: <u>SST C+r.</u> Proj. No.: <u>16027-0-M</u>	
client: Montgomery Co.	Ticket No.: 92269 Truck No.: 72
Contractor: Facchina	Water-Coment Ratio:
Sample Location: DECK DOUR IF EVENTION 330' LEVEL	Mix Number: 8K2DC2NL
BETWEEN COLUMN LINES & EL 9 and box E	Mix Design: <u>8000 PSt</u>
Method of Placement Concrete Pump	Time Batched: 3:11 AM
Slump: 7/2 inches	Batch Size: 10 cu yds
Water added at site? Yes, gallons No	Date Molded: 12-30-10 Time: 3:30 H
Specimen made by: Brian F. & Som W.	Date Delivered to Lab:
Concrete Temperature: 606 °F	Unit Weight:PCF XINA
Air Content: 5.0 % N/A	Weather: Clear/Night
Specimen Set No.: 493	Air Temperature: 250°F
Test Ren'd: At Dave: 2 At 7 days:	At 14 Days; 3 At 28 Days; Reserved
Remarks: Revolutions = 116,2=56-day Bren	Ks (Lab Curell), 2=3-day Breaks (Cie)
Evered), 2=5-day Breaks (Field Cured), 3:	= OB-day Breaks (Field Eured)
	na and managar and

ROCKVILLE FUEL AND FEED PLANT #1 & #2 .

Volume:10.00 yd3 Mix ID: OKEDCENL Truck #:... 77 JOHN MELVIN

30Dec10 3:11AM Flop Gates. WET Batch: 2 of 2

Mix Desc: 8000 PSI #8 ST AIR/2DCI Ticket # 92269

FACCHINA CONSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-750

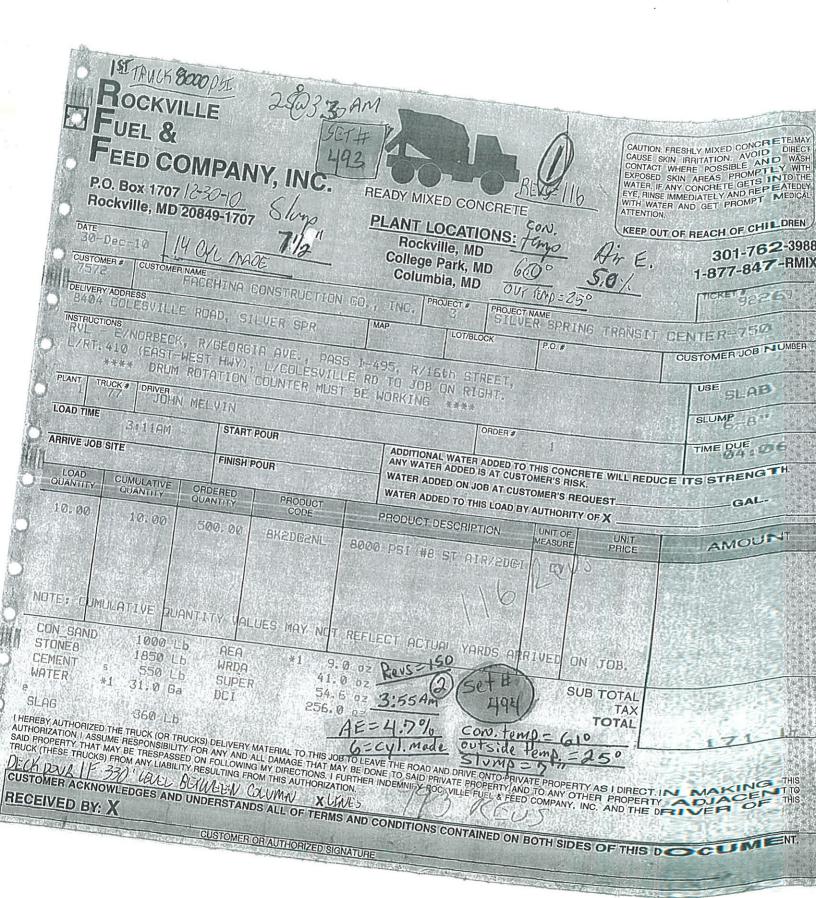
AZ (C+P) Ra		and the same area are as a second	, 1 <sub>1</sub> , 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	against address on a subject to the contract to the con-				Artua	e l	Free	Hau	Status
Material		Desi	.gn	Moist	the spirit grown between many passing or	and head control agent from a street and		er 1935/1471	l ka	p97	Lb	Done
CON SAND STONEB		1000 1850	L.b L.b	5.6% 8.5%	35" N. 11", 5 ".	5297 9296			Lib	46	L.b	Done
CEMENT SLAG AEA WRDA SUPER DCI	5 *1 *1	550 360 9.0 41.0 54.6 256.0	Lb oz oz	0.0% 0.0% 100.0% 0.0% 100.0% 100.0%		2750 1800 23 205 273 1280 87	Lb oz oz oz	2760 1810 / 24 204 272 1312	Lb oz oz oz oz	Ø 2 2 2 18 85 724	Lb Lb Lb Lb Lb Lb	Done Done Done Done Done Done Done

Total Water Ice/Batch Ø Lb Water allowed by mix design: 310 Moisture compensation water: 109 Water allowed at jobsite: 30 Gal

# COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: SST Ctr. Proj. No.: 16027-0-M) Supplier: Rockville Puel a teto project: 92269 Truck No.: 27 Ticket No.: 92269 Truck No.: 27 Water-Coment Ratio:	Geotechnical Engineering CTDFNGTH TE	ST SPECIALISE DE LA COMPANIE DE LA C
Project: GST Ctr. Proj. No.: 1602/2007  Client: Montgomery Co.  Water-Cement Ratio:  Water-Ce	Geotechnical Engine STRENGTH TE	Lad & Food Co.
Project: GST Ctr. Proj. No.: 1602/2007  Client: Montgomery Co.  Water-Cement Ratio: Water-Cement Ratio:  Water-Cement Ratio: Water-Cement Ratio:  Water-Cement Ratio: Water-Cement Ratio:  Water-Cement Ratio: Water-Cement Ratio:  With Number: 8K2DC2NL  With Number: 8000 ptr.  Time Batched: 3:11 Ain  Batch Size: 10 Time: 31.55 A  Date Molded: 17.30-10 Time: 31.55 A  Date Delivered to Lab:  Unit Weight: PCF NIVA  Air Temperature: 25  Air Temperature: 25  Air Temperature: 25  Air Temperature: 25  Air Temperature: 35		Supplier: Rockville Pullation 177
Client: Montgamery Co.  Contractor: Facchina  Sample Location: Deck Dur IF Elevation 330' UEVEL  Between Coumn unes 80 9 and 0 d E  Niethod of Placement Concrete Lump  Niethod of Placement Concrete Lump  Slump: 7 inches  Water added at site? Yes, gallons XINO  Water added at site? Yes, gallons XINO  Date Molded: 17.30-10 Time: 3:55 A  Date Molded: 17.30-10 Time: 3:55 A  Date Delivered to Lab:  Unit Weight: PCF XINA  Air Temperature: Air Temperature:  Specimen Set No.: 494  Test Regid: At Days; At 7 days; At 14 Days; At 28 Days; Reserved  Revolutions = 150 2 = 3 - day Breaks Field Cured 25 day Reaks  Revolutions = 150 2 = 3 - day Breaks Field Cured 24 - day Indeed In	CGI Ctr. Proj. No.: 16027-0-190	Ticker No.: 92269 Truck No.
Contractor: Facchina Sample Location: DECK DUR IF ELEVATION 330' UEVEL  Sample Location: DECK DUR IF ELEVATION 330' UEVEL  Sample Location: DECK DUR IF ELEVATION 330' UEVEL  Set Water Now County of Stan Park Stan Park Stan Park Stan Park Stan Park Stan Park III Am  Source of Placement Concrete Pump  Source of Placement Concrete P	Project: 22	VII-low Coment Ratio:
Sample Location: DECK DUR IF ELEVATION SO DAYS  BETWEEN COUMN trues & a q and ) a E  Method of Placement Concrete Pump  Method of Placement Concrete Pump  Slump: 7 inches  Water added at site? Yes, gallons XNO  Water added at site? Yes, gallons XNO  Date Delivered to Lab:  Unit Weight: PCF XN/A  Unit Weight: Yeather: Clear Night time  Air Temperature: 4.70 N/A  Specimen Set No.: 494  Specimen Set No.: 494  Test Req'd: At Days; At 7 days; At 28 Days; Reserved  Revolutions = 150 2 = 3-day Breaks Field cured 25 make 1000		BK2DC2NL
Sample Location: DECK DAN 1. SAN DECK DECK DAN 1. SAN DECK DECK DECK DECK DECK DECK DECK DECK	Contractor: Facchina 15 FUD CATEON 330'UEVEL	With Munities . 8000 par
Method of Placement   Concrete Pump   Batch Size:   ID   Guyds	Lot ocation: Deck With	Mix Design: Osografia
Method of Placement Concrete Stump:    Vest   Gallons   Date Molded:   17.30-10   Time:   3.55	BEXILLEN COLUMN CIVED DATE	Time Batched: 2111 cu yds
Slump: 7 inches Water added at site? Yes, gallons XINO Date Molded: 17.30  Water added at site? Yes, gallons XINO Date Delivered to Lab:  Date Delivered to Lab:  Unit Weight: PCF XIN/A  Unit Weight: Yeather: Clear / Night time  Weather: Clear / Night time  Air Content: 4.70 N/A  Specimen Set No.: 494  Specimen Set No.: 494  Test Req'd: At Days; At 7 days; At 14 Days; At 28 Days; Reserved  Revolutions = 150 2 = 3 - day Breaks (Field cured) 2 = 5 - day Repairs  Revolutions = 150 2 = 3 - day Breaks (Field cured) 2 = 5 - day Repairs  Revolutions = 150 2 = 3 - day Breaks (Field cured) 2 = 5 - day Repairs  Revolutions = 150 2 = 3 - day Breaks (Field cured) 3 = 5 - day Breaks (Field cured) 3	Derwood of Placement Concrete Tump	10 manufacture
Water added at site? Yes, Dantity  Specimen made by: Brian F. & TomW  Concrete Temperature: 61  Air Content: 4.70  Specimen Set No.: 494  Test Req'd: At Days; At 7 days; At 14 Days; At 28 Days; Reserved  Revolutions = 150, 2=3-day Breaks (Field Cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field Cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field Cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks	Method of the inches	nate Molded: 12:30
Specimen made by:  Specimen made by:  Concrete Temperature:  Air Content:  Air Content:  Specimen Set No.:  494  Days;  At 7 days;  Test Req'd:  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks	Slump: gallons Nivo	nete Delivered to Lab.
Specimen Set No.: 494  Specimen Set No.: 494  Test Reg'd: At Days; At 7 days; At 7 days; At 14 Days; At 28 Days; Reserved  Revolutions = 150, 2=3-day Breaks (Field Cured), 2=5-day Breaks (Field Cured), 3=5-day Breaks	Water added at Site. Rejan F. & TOMW	rate Month?
Air Content: 4.70 N/A  Air Temperature: At 28 Days; Reserved  Specimen Set No.: 494  Test Req'd: At Days; At 7 days; At 14 Days; At 28 Days; Reserved  Test Req'd: Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks  Revolutions = 150, 2=3-day Breaks  Revolutions = 150, 2=3-day Breaks	Grecing made	1 10 14 T
Air Content: 4.70  Specimen Set No.: 494  Days; At 7 days; At 14 Days; At 28 Days; Reserved  Test Req'd: At Days; At 7 days; At 7 days; At 14 Days; At 28 Days; Reserved  Test Req'd: Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks  Revolutions = 150, 2=3-day Breaks  Revolutions = 150, 2=3-day Breaks	Concrete Temperature: <u>101</u>	
Specimen Set No.: 474  Days; At 7 days;  Test Reg'd: Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks (Field cured), 2=5-day Breaks  Revolutions = 150, 2=3-day Breaks  Revolutions = 150, 2=3-	Air Content:	
Test Regid: Revolutions = 150 )2=3-day Breaks (Fillia corresponder made to	energinan Set No.: 414	At 14 Days; Jan Breaks
Revolutions In a Nymates Comment	At At	enxs(Field cured), to for
Remarks.	MOUNTIONS TO THE MAN T	mito 6 6 Extra cylinder man
VY CALL POUL TO THE PROPERTY OF THE PROPERTY O	Remarks. Na = 28-day Breaks Field Cycle A	A Comment of the Comm
Lilla Set as Phonodillator	(Field Cused) set as per Time II allowed	The second secon
CONNECTION	COMPANY	
		4

ROCKVILLE PLANT #1 &	64亿	vd3	iet i	HN WELV * ID: 8	TM KSDCSNF	3: Mix	ICIØ IIAM Desc: 600 ket # 9 CHINA CONS VER SPRING	Batch 7 PSI #8 S 2269 TRUCTION C TRANSIT C	ENTER-750	
MV(C+P) R	atio	g 123 . 7	26	I have a springer service and the service and the	a water for a college party array of any for	Target	Actual	Free HED		para cara cara see s
Material	- av. aver and a co.	Desi	gn	Moist	na neria kara masa masa masa masa masa s	gesty Lb	5300 Lb	297 Lb 46 Lb	Done	
CON_SAND STONE8 CEMENT SLAG AEA WRDA	\$ 1	1000 1650 550 360 5.0 41.0	Lb Lb . oz . oz . oz	0.5% 0.0% 0.0% 100.0% 0.0%	Q1 x 121%	2750 Lb 1800 Lb 23 02 205 02 273 02 1280 02	2760 Lb 1810 Lb 24 oz 204 oz 272 oz 1312 oz	0 Lb 0 Lb 2 Lb 0 Lb 18 Lb 85 Lb	Done Done Done Done Done	and a second second second
BUPER DCI WATER Ice/Bat Moistur	×1 ch e co	256.4	0 02 D Gal	100.0% 100.0% ater all water	awad by	87 Gal	gn: 310	Total Wa wed at jobs	ter site: 30	280 6al



## ITE HUBEHI B. BALTER COMPANY

# Silver Spring Transit Center Project

SET #	
493	

PARTICIAL DIRECTOR CARD
PROJECT NUMBER: 16027-0- MD
DATE: 12-30-10
WEATHER: Clear/Night time TEMP: Concrete = 600
POUR LOCATION: DECK POUR IF 330' ELEVATION BETWEEN
COLUMN LIVES 889 and D&E
MIX DESIGN: 8000 PSI CUBIC YARDS: 470 yas total placed t
DOLANT MIND IN THOD: PRIND JKMCK
PLACEMENT TIME: START: 4:00AM FINISH: 11:00 AM
DELAYS:
ACTIONS:
BALTER VERIFICATION CONCRETE AND REINFORCMENT
FORMWORK/SHORING
SUB-GRADE FOR SLABS
FOUNDATION BEARING
REINFORCING STEEL
ELEVATED DECK SLAB
DRILLED PIER/SOLDIER PILE

...... DALIER CUMPANY

# Silver Spring Transit Center Project

SET #	
494	(2)

PBOJECT NUMBER	'A THE TOTAL CAPITY
PROJECT NUMBER: 16	2022-0 MD
DATE: 12-30-10	
WEATHER: Clear/A	) ight time TEMP: Concrete = 610
POUR LOCATION: DECK D	OUR IF 330' ELEVATION BETWEEN
COLUMN LIVES 889	and DriE
MIX DESIGN: 8000	PSI CUBIC YARDS: 470 Cu yas total placed.
CONVEYANCE METHOD:_	PUMP TRUCK
PLACEMENT TIME: START	: 4:00AM FINISH: 11:00 AM
DELAYS:	
ACTIONS:	
	The state of the s
The state of the s	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB

#### 18 Music Fair Road . Owings Wills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

A STATE OF THE PARTY OF THE PAR	
Project: 55TC+C Proj. No.: 16027-0-MD	Supplier: Rockville Frela Feed C
Chem: Montgomery Co.	Ticket No.: 92272 Truck No.: 69
Contractor: Facchina	Water-Cement Ratio: .25
Sample Location: DECK DUR IF ELEVATION 330' LEVEL	Mix Number: 8K2DC 2NL
BETWEEN COLUMN LINES DELE and RELA	Mix Design: 8000 Pyr
Wethod of Placement Concrete Pump	Time Batched: 3139 AM
Slump: 772 inches	Batch Size: 10 cu yds
Water added at site? Yes,gallons No	Date Molded: 12-30-10 Time: 4:35
Specimen made by: Brian F. & Tom W	Date Delivered to Lab:
Concrete Temperature: 60° °F	Unit Weight: PCF X N/A
Air Content: 5.5% [] N/A	Weather: Clear / Wight
Specimen Set No.: 495	Air Temperature: 25° F
Test Req'd: At Days; 2 At 7 days;	At 14 Days: 2 At 28 Days: Becaused
Remarks: Revolutions = 143 2=56-1. R	avel to all and
Field Cured), 2=5-day Breaks (Field cure	3-10 Les Villages
The state of the s	my - ap-may breats (Field evr
	A STATE OF THE PARTY OF THE PAR

ROCKVILLE FUEL AND FEED PLANT W3

3:37014

Batch Record:

300ec10

Volume: 10.00 yd3 Mix ID: AKEDCENL Truck #:... 69 DAVID E. KREH ,

Mix Desc: 8000 PSI #8 ST AIR/2DC) Ticket # 92272

Batch: 2 of 2

W/(C+P) Ratio: 0.25

FACCHINA CONSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-750

Materiai		Des		Moist		Targ		Actu			e HRO	Status
STONES		1850		1.0%	Ø. Ø%	9343		9480			L.b	Over
CON_SAND		1/2/2025	Lb	5.5%	C. Cy	5291	115	5240	Lb	291	Lb	Done
CEMENT.		550	Lb	W. 181%		275u	L.lo	2760	L. b	(2)	1lo	Done
SLAG		360	L. L)	121. 121%		1800	L. to	1870	L.b		L.b	Over
9EA	¥-1	9.0	0.2	主动的、均类		23	οz	<b>24</b>	0.2		L.b	Done
MRDA		41.0	0.20	100.0%		205	0.2	207	0.2		L.b	Done
BUPER		54.6	O(22)	100.0%		273	0.2	272	0.2	18	L.b	Done
DCI		236. V	0.8	100.0%		1280	0.2	1288	5.0	84	i_lo	Done
JATER -	# 1	31.0	Gal	100.0%		95	Gal	81	0a1	674	L.b	Done

414 TRUCH 8200 PGA ROCKVILLE FUEL & FEED COMPANY, INC.



CAUTION: FRESHLY MIXED CONCRETE MAY CAUSE SKIN IRRITATION, AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER, IF ANY CONCRETE GETS INTO THE EYE, RINSE IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL ATTENTION.

KEEP OUT OF REACH OF CHILDREN

301-762-3988

P.O. Box 1707 € 30 () Rockville, MD 20849-1707

CUSTOMER NAME

30-Dec-10

CUSTOMER #

4 CYL MADE

OUTALINO= 25° PLANT LOCATIONS: CONTUNDE Rockville, MD College Park, MD

1-877-847-PMIX s 5.5%

ranew o

PROJECT # PROJECT NAME FACCHINA CONSTRUCTION CO. INC SILVER SORING TRANSIT CENTER 750. DELIVERY ADDRESS LOT/BLOCK P.O.# CUSTOMER JOB NUMBER 8404 COLESVILLE ROAD: SILVER SPR

Columbia, MD

INSTRUCTIONS RVL = EXNORBECK: RZGEORGIA AVE.: PASS 1-495, RV16th STREET. SLAM L/RT.410 (EAST-WEST HWY). L/GOLESVIOLE RD TO JOB ON RIGHT SLUMP \*\*\*\* DRUM ROTATION COUNTER MUST DE WORKING TRUCK # DAIVER

OBDER'# TIME DUE DAVID E. KREH . JR. 1/14 LOAD TIME START POUR

ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH. ANY WATER ADDED IS AT CUSTOMER'S RISK as 37Am WATER ADDED ON JOB AT CUSTOMER'S REQUEST ARRIVE JOB SITE FINISH POUR

WATER ADDED TO THIS LOAD BY AUTHORITY OF X CUMULATIVE QUANTITY LOAD PRODUCT CODE ORDERED UNIT PRICE UNIT OF PRODUCT DESCRIPTION QUANTITY QUANTITY AMOUNT MEASURE 10. D 40, W 500.0 8K2DC2NL 8000 PSI #A ST AIR/2DC NOTE: CUMULATIVE QUANTITY VALUES MAY NOT BEFLECT ACTUAL YARDAG ARR VED ON TO

STONES SUB TOTAL 1850 Lb AEA ¥j. '9.0 az CON SAND TAX 1000 Lb WRDA 4160 02 TOTAL CEMENT อิวิติ (Lb SUPER 54.6 oz WATER 31.0 Ga SLAG 360 Lb

I HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS II DIRECT, IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT, MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION

DECH DOUR (F 330' LEVEL BETWEEN COLUMNX LENGS

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

GUSTOMERIOR AUTHORIZED SIGNATURE

. WYLLL D. DALIER COMPANY

## Silver Spring Transit Center Project

SET #	.·
495	3

	The state of the s
PROJECT NUMBER: 16	227-0- MD
DATE: 12-30-10	·
WEATHER: Clear/A	ight time TEMP: Concrete = 60'
POUR LOCATION: DECK DO	UR IF 330' ELEVATION BETWEEN
COLUMN LEWES D& E O	ind 849
MIX DESIGN: 8000 F	PSI CUBIC YARDS: 470 yas = total placed
CONVEYANCE METHOD:	PUMP TRUCK
PLACEMENT TIME: START:	4:00AM FINISH: 11:00 AM
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK / SHORING
The second secon	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road . Owings Mills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>SST Ctr.</u> Proj. No.: 16027-0-M	Supplior: Rockville Fueld Feed Co
Client: Montgomery Co.	Tisked N. COART VELL FEEL CO
Contractor: Facchina	Ticket No.: 92277 Truck No.: 58
Sample Locations Divolation 18	Water-Cement Ratio:26
Sample Location: DECK DOUR IF ELEVATION 330' LEVEL	Wix Number: 8K2DCZNL
BETWEEN COLUMN LENES 888.7 and C88D	Mix Design: 8000 psr
Method of Placement Concrete Pump	The state of the s
Slump: 7/2 inches	Time Batched: 4:23 Am
The state of the s	Batch Size: 10 cu yds
Water added at site? Yes, gallons XNo	Date Molded: 12-30-10 Time: 4:55
Specimen made by: Brian F. & Som W.	Date Delivered to Lab:
Concrete Temperature: 500 °F	
Air Content: 5.5% N/A	Unit Weight: PCF XWA
Specimen Set No.: 496	Weather: <u>clear/Night</u>
Tory Donalds	Air Temperature: 280 F
Test Req'd: At Days; At 7 days;	At 14 Days: 3 At 28 Trave: Recovered
Romarks: Revolutions = 190 2=56 Day	al al a la
Excell 2=5-day Rocks (Field C )	ate co swell); 1=2; day breaks (right
Cured), 2 = 5-day Breaks (Field Cured), 3 =	HE CLAY BREWS (FIELD CYCEL)
	The second se

ROCKVILLE FUEL AND FEED PLANT #1 & #2

30Deci0 年:236国

Flop Gates. WET Batch: 2 of 2

Volume: 10.00 yd3 Mix ID: AK2DC2NL Truck #:... 58

JORGE A. GARCIA

Mix Desc: 8000 PSI #8 ST AIR/2DCI Ticket # 92277

W/(C+P) Ratio: 0.26

FACCHINA CONSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-750

Material		#7 (D 10	# 23.11	14915C		Tarn	et	Amber	25 B	Error	a tikan	125 for 1
CON_SAND STONE8		1000 1850	l [}	5. 1% Ø. 5%	Zi., Zi% Zi., Zi%	98 <b>96</b> 5869	L. to	5240 9280	Lb	269 46		Done Done
ARDA BUPER DCI	*i	31.2	Lb oz oz oz oz Gal	0.0% 0.0% 100.0% 0.0% 100.0% 100.0%		2750 1800 23 205 273 1280 90	Lb oz oz oz oz oz	1800 24 204 272 1312	Lb oz oz oz oz	0 0 18 85	Lh Lb Lb Lb Lb	Done Done Done Done Done Done Done

Ice/Batch 0 Lb Water allowed by mix design: 310 Total Water Moisture compensation water:. 102 279 Water allowed at jobsite: 31 Gal

FEED COMPANY, INC. REAL	AEVS=190  CAUSE SKIN CONTACT WE EXPOSED SKI WATER IF ANY EYE, RINGE IM WITH WATER IN ATTENTION	SHLY MIXED CONCRETE MAY IRRITATION, AVOID DIRECT ERE POSSIBLE AND WASH N AREAS PROMPTLY WITH CONCRETE GETS INTO THE MEDIATELY AND GET PROMPT MEDICAL
P.O. Box 1707 12-30-10 Conv. temp. 500 Out starp: 283 PL.	ANT LOCATIONS:  Rockville, MD  College Park, MD  Columbia, MD  THEOLOGICAL STREET  TEROJECT # TIPROJECT NAME	301-762-3988 1-877-847-RMIX
7572 FAGCHINA CONSTRUCTION CO.,	INC. 3 SILVER SPRING TRANSIT	CENTER-750  CUSTOMER JOB NUMBER  USE  SLAB
L/RT 410 (EAST-WEST HWY), L/COLESVILLE R  **** DRUM ROTATION COUNTER MUST BE  PLANT TRUCK # DRIVER  1 58 JORGE A. GARCIA  LOAD-TIME START POUR	D TO JOB ON RIGHT.  WORKING ****  ORDER #  1  ADDITIONAL WATER ADDED TO THIS CONCRETE WILL RED	SLUMP C-B" TIME DUE 24 x 53
A 23AM  ARRIVE JOB SITE  LOAD CUMULATIVE ORDERED PRODUCT QUANTITY QUANTITY GODE	WATER ADDED IS AT CUSTOMER'S RISK.  WATER ADDED ON JOB AT CUSTOMER'S REQUEST  WATER ADDED TO THIS LOAD BY AUTHORITY OF X  PRODUCT DESCRIPTION  UNIT OF MEASURE  PRICE	GAL,
10.00 90.00 500.00 AK2DC2NL	9000 PSI #8 ST AIR/2DCI CY	
NNU STONEA 1850 Lb WRDA 41.	REFLECT ACTUAL YARDS ANTIVED ON JOB.  O 02 JULY 190 / SUB TOTA TOTA	X
	。 Ø . Ω Z S JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I I T MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PE	ROPERTY ADJACENT TO
TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHOR  DECK DUR IF 330 LEVEL BETWEEN COLUMN LIABS  CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TE  RECEIVED BY: X  CUSTOMER OF RAUTHORIZE	REPORT OF THE PROPERTY OF THE	

.... INDUITED. BALIER COMPANY

# Silver Spring Transit Center Project

4

				-	,,,,,
CONCRETE	PLACEMENT	CHECKL	ST/	POUR	CARD

PROJECT NUMBER: 16	027-0-
DATE: 12-30-10	IVII)
WEATHER: clear/	Wight TEMP: Concrete = 58
POUR LOCATION: DECK PO	OUR IF 330' ELEVATION BETWEEN
COLUMN LEVES B& 8.2	and C8 & b
MIX DESIGN: 8000	PSI CUBIC YARDS: 470 Gus total placed
CONVEYANCE METHOD:	Pump Truck
PLACEMENT TIME: START	: 4:00AM FINISH: 11:00 AM
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

18 Music Fair Road . Owings Mills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Property and the second state of the second	
Project: SSTC+C Proj. No.: 16027-0-m)	Supplier: Rockville Frela Feed Co
client: Mantgomery Co.	Ticket No.: 92282 Truck No.: 62
Contractor: Eachina	Water-Cement Ratio: .26
Sample Location: DECK DUR IF ELEVATION 330' LEVEL	Wisk Number: 8K2D(2NL
BETWEEN COLUMN LINES 8 & 8.7 and approx (34)	Mix Design: 8000 P45
Wethod of Placement Concrete Pump	Time Batched: 4:45 AM
Slump: <u>L</u> inches	Batch Size: / 0 cu yds
Water added at site? ☐ Yes,gallons XNo	Date Molded: 12-30-10 Time: 5:30
Specimen made by: Brian F. & Jon W	Date Delivered to Lab:
Concrete Temperature: 60 °F	Unit Weight: PCF X N/A
Air Content: 6.3 % N/A	Weather: <u>clear</u> , Night
Specimen Set No.: 497	Air Temperature: 280 °F
	At 14 Days; 3 At 28 Days; Reserved
Remarks: Revolutions = 120, 2=56-day Br	raks (Lab Cured) 2=3-day Bread
Field Cured), 2=5-day Breaks (Field Cureo	1) 3=28-day Breaks (Field evre
the property of the state of th	

ROCKVILLE FUEL AND FEED PLANT #1 & #8

30Dec10 4:456国 Flop Gates... WET Batch: 2 of 2

Truck #1... 68

Volume: 10.00 yd3 Mix ID: 6K2DDENL Truck #:... 62 ALVIN WINDLEY,

Mix Desc: 8000 PSI #8 ST AIR/2DCI 92282 Ticket #

FACCHING CONSTRUCTION CO., INC.

Material		Desi	nn.	Moist		Targ	e t	Actua	a l	Free	: H20	Status
CON_SAMD		1 (2)(2)(2)		6.62	Ø. Ø%	5353	1lo	5300	(l)	353	Lb	Done
STONES		1850	L.b	Ø. 5%	0.10%	9296	Lb	9360	Lti	46	Lb	Done
DEMENT		550	t b	0.0%		2750	Lb	2770	i_b	Ø	115	Done
BLAG		360		Ø., Ø%		1800	L.b	1800	L. D	(2)	ib	Done
AEA	* 1	9.0	02	120.2%		23	o æ	2.3	02	Ĺ	i(:)	Dane
VRDA		41.2	ΩX	0.0%		205	0.2	205	0.2	121	Lb	Done
SUPER		54.6		100.0%		273	0.2	272	OΖ	iΘ	tla	Done
oci		256.0	02	100.0%		1280	O Z	1318	0.20	85	L.b	Done
UNLI WATER	*j	31.0	Gal	100.0%		8121	Gal	80	(3 a. l	666	L.b	Done

Ice/Batch 0 Lb Water allowed by mix design: 310 Total Water 200 Moisture compensation water: 113 Water allowed at jobsites 30 Gal



#### 18 Music Fair Road - Owings Mills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

The state of the s	
Project: 55TC+1 Proj. No.: 16027-0-M	Supplier: Rockville Frel & Feed C
Client: Mantanty Co.	Ticker No.: 92282 Truck No.: 62
Contractor: Eaching	Water-Cement Ratio: . 26
sample Location: DECK POUR IN GUEVAKUN 330, TENE	Mix Number: 8K2DC2NL
BETWEEN COLUMN LIVES & 8 8 7 and appay	Wix Design: 8000 pgr
Internod of Placement Concrete Pump C3 & D	Time Batched: 4:45 AM
Siump: 712 inches	Batch Size: 10 cu yds
Water added at site? Yes, gallons No	Date Wolded: 12-30-10 Time: 6:00 AV
Specimen made by: Brian F. a 6m W	Date Delivered to Lab:
Concrete Temperature: 610 °F	Unit Weight: PCF X N/A.
Air Content: 5.8% N/A	Weather: Clear night
Specimen Set No.: 498	Air Temperature: 280 F
Test Req'd: At Days; At 7 days;	At 4A Dayon At 90 Dayon
Meridians 50000+1000 = 154 7 - 3 - 1000	proper (I) I am I) am III
(Field Cured) 2 = 28 - day Breaks (Field Cured Lor companies on set, as per Tim H. (Montg. of	* Note-6=extra colinder made
The transfer of the state of th	A de la company de la comp
	to the state of th

ROCKVILLE FUEL AND FEED PLANT HI & HE

30Dec10 4:45AM

Flop Gater.. WET Batch: 2 of 2

Volume:10.00 yd3 Mix ID: 8K2DC2NL Track #4... 62 ALVIN WINDLEY,

Mix Desma. 8000 PSI #8 ST AIR/2DCI Ticket # 92202

FACCHINA CONSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-750

W/(C+P) Ratio: 0.26

Material		Design		Moist		Target		Actual		Fre	e HBO	Status
CON_SAND STONES			Lb Lb	6, 6% a. 5%	0,8% 0,0%	5353 9296	Lb Lb	5300	L.b	353 46	Lb	Done Done
CEMENT		550	L.b	8.6%		2750	Lb	2770	l ts	21	Lab	Dane
SLAG AEA	<u>* 1</u>	360 9.0		0.0% 100.0%		1800	Lb	1800	L.b	121	Lb Lb	Done Done
WRDA SUPER	1	41.0 54.6	0 20	0.0% 100.0%		205 273	0 Z 0 Z	205 272	0.2		l_lo	Done
DCI WATER	* 1	256. Ø 31. Ø	ΩZ	100.0% 100.0%		27.5 1280 80	oz Gal	1312	oz Gal		Lb Lb	Done Done Done

Ice/Batch Ø Lb Water allowed by mix design:. 310 Total Water 200 Moisture compensation water: 113 Water allowed at jobsite: 30 Gal

#### LY DYAVUK 800XD/X CAUTION: FRESHLY MIXED CONCRETE MAY CKVILI F CAUSE SKIN IRRITATION, AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH BEV15-120 UEL & WATER, IF ANY CONCRETE GETS INTO THE EYE, RINSE IMMEDIATELY AND REPEATEDLY. WITH WATER AND GET PROMPT MEDICAL FEED COMPANY, INC. ATTENTION. READY MIXED CONCRETE KEEP OUTLOF REACH OF CHILDREN 041 (tmo: 2**0**8 P.O. Box 1707 12:30-10 PLANT LOCATIONS: 301-762-3988 CONTEMPS-Rockville, MD 20849-1707 Rockville, MD 1-877-847-RMIX College Park, MD DATE Columbia, MD 30-Dec-10 40XL MANI CUSTOMER# CUSTOMERINAME PROJECT # FACCHINA CONSTRUCTION CO.. SILVER INC SPRING THOUSE CENTER-OFF DELIVERY/ADDRESS LOT/BLOCK P.O. # CUSTOMER JOB NUMBER 8404 COLESVILLE ROAD, SILVER SER INSTRUCTIONS: RVL - E/MORBECK, R/GEORGIA AVE., PASS 1-495, R/160h STREET, SLAB L/81.410 (EAST-WEST HWY), L/EOLESVILLE RD TO JOB ON RIGHT. SILUMP DRUM RUTATION COUNTER MUST BE WORKING DRIVER ALUIN WINDLEY, IF THUCK # TIMEIDUF: VIS : 13 ONDER # LOAD TIME START POUR ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH. 4:45AM ANY WATER ADDED IS AT CUSTOMER'S RISK WATER ADDED ON JOB AT CUSTOMER'S REQUEST ARRIVE JOB SITE FINISH POUR WATER ADDED TO THIS LOAD BY AUTHORITY OF X LOAD QUANTITY CUMULATIVE QUANTITY ORDERED PRODUCT UNIT PRICE UNIT OF PRODUCT DESCRIPTION AMOUNT MEASURE 10,00 140,09 500.00 avencem SOOR PSI #8 SI AIR/2001 CV. NOTE: CUMULATIVE NOT REFLECT ACTUAL VARDS AMRIVED ON JOB! CON SAVO 1000 Lb 9.005 PEA. SUB TOTAL STONES 1850 Lb WRDA Al. Ø oz TAX

HERBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TOTEAUE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION. L'ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY. THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM, ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

DECK DUR 1830 LEVEL BELLEAN COLUMNAL X LANGE BAR 200 A GROVE C3 & CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

TOTAL

54.6 02

256.0

RECEIVED BY: X

550 Lb

360 Lb

3170 Ga

SUPER

DUI

CEMENT

WATER

SLAG

CUSTOMER OR AUTHORIZED SIGNATURE

# SET # 16

# Silver Spring Transit Center Project

The Country of the Carry
PROJECT NUMBER: 16027-0- MD
DATE: 12-30-10
WEATHER: Clear/Night TEMP: Concrete = 60'
POUR LOCATION: DECK DOUR IF 330' ELEVATION BEXWEEN
COLUMN LEVES 8 EL 8.7 and approx. C3 & blines
MIX DESIGN: 8000 PSI CUBIC YARDS: 470 Gus total placed
CONVEYANCE METHOD: PUMP TRUCK
PLACEMENT TIME: START: 4:00AM FINISH: 11:00 AM
DELAYS:
ACTIONS:
BALTER VERIFICATION CONCRETE AND REINFORCMENT
FORMWORK / SHORING
SUB-GRADE FOR SLABS
FOUNDATION BEARING
REINFORCING STEEL
ELEVATED DECK SLAB
DRILLED PIER/SOLDIER PILE

.... IN PLATED. BALIER COMPANY

# Silver Spring Transit Center Project

1	7
SET #	) Pan
498	(6)

CONCRETE PLACEMENT CHECKLIST / POUR CARD
--

PROJECT NUMBER: 16	027-0- MD
COLUMN GIVES 8 & 8.7	TEMP: Concrete = 61  OUR IF 330' ELEVATION BETWEEN  and C3 & D
CONVEYANCE METHOD:	
PLACEMENT TIME: START:	4:00AM FINISH: 11:00 AM
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
·	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road . Owings Wills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>SST Ctr.</u> Proj. No.: 16027-0-MD	Supplier: Rockville Fueld Feed Co
Client: Montgomery Co.	
Contractor: Facchina	Ticket No.: 92282 Truck No.: 32
Sample Location: DECK DOVE IF ELEVACION 330' LEVEL	Water-Cement Ratio: 26
BETWEEN COLUMN LYNTS OF A O CO.	Wix Number: 8K2DC2NL
BETWEEN COLUMN LINES 8 & 8.7 and approx (3 d) 17	he <sup>lVlix</sup> Design: <u>8000 P5x</u>
Concrete rump	Time Batched: 5:12 AM
Stump: inches	Batch Size: // cu yds
Water added at site? Yes, gallons No	Date Molded: 12-30-10 Time: 6:15A1
Specimen made by: Brian F. & Som W.	Date Delivered to Lab:
Concrete Temperature: 570 °F	Unit Weight: PCF DINA
Air Content: 5.40/0 N/A	Weather: Clear, Night
Specimen Set No.: 499	Air Temperature: 28 °F
Test Reg'd: At Daye: 7 As 7 dayer	The de the desired the second the
Test Req'd: At Days; 2 At 7 days; Remarks: Revolutions = 235, 2-56-lay Break	At 28 Days; Reserved
Cura Mary Break	s (Lab Eucell, 2=3-day breaks (Fiel
Eured) 2=5-day Breaks (Field Cuced), 3=	2B-day Brews (Field Cycal)
	The same of the sa
	8

ROCKVILLE FUEL AND FEED PLANT III & #2

30Deci0 5:12AM

Flop Gates.. WET Batcha. 2 of 2

Truck Broom 38 CHARLES BALLOU

Volumeria, as yd3 mix ID: aKEDDENL

Mix Dasc: 8000 PSI #8 ST AIR/20CI Ticket & SEEST FACCHINA CONSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-750

William Batin: W. 26

MA (Pate) RWEEDE we may												
Madacini		riss of mer		網点主告告		Tarmet		Actual		Free real		22 ( 24 ( 25 ( 25 ( 25 ( 25 ( 25 ( 25 (
CON_SAND		1000	110	5.3%	0.0% 6.0%		Ł £0	5240 9280	110	889	Lb Lb	Done Done
CEMENT SLAG AEA WRDA SUPER DCI WATER	*).	550 360 9.0 41.0 54.6 256.0	02 02 02 02 02	6.07 20.27 20.27 20.00 20.00 20.00 20.00 20.00		23 295 273 1280	dli xo xo xo	204 272 1312	Lb oz oz oz oz oz oz	0 1 0 16 85 741	i_b c_b	Done Oone Done Done Done Done

Ice/Batch @ Lb Water allowed by min designs. 310 Total Water 21378 Moisture compensation waters. 30 Water allowed at jobsites 30 Gal

#### 1914 TRUCK 800000 ROCKVILLE CAUTION: FRESHLY MIXED CONCRETE MAY CAUSE SKIN IRRITATION AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH CONTACT WHERE POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER IF ANY CONCRETE GETS INTO THE EYE, RINSE IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL ATTENTION FUEL & FEED COMPANY, INC. READY MIXED CONCRETE P.O. Box 1707 12-30-10 KEEP OUT OF REACH OF CHILDREN PLANT LOCATIONS: CONTEMP: 57° 301-762-3988 Rockville, MD 20849-1707 Rockville, MD 1-877-847-RMIX College Park, MD 30-Dec-10 Columbia, MD PROJECT# FAECHINA CONSTRUCTION CO., ITUE SPRING TRANSIT CENTER-750 DELVERYADDRESS 8404 DDLESVILLE ROAD, SILVER SPR LOT/BLOCK CUSTOMER JOB NUMBER NSTRUCTIONS RVL - EZNORBECK, RYGEORGIA AVE., PASS 1-495, RZIGIH STREET, SLAB L/RT 410 (EAST-WEST HWY), L/COLESVILLE RD TO JOB ON RIGHT. \*\*\*\* ORUM ROTATION COUNTER MUST BE WORKING \*\*\*\* CHARLES BALLOU ORDER # TIMEIQUE LOAD TIME START POUR ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH 5:12AM ANY WATER ADDED IS AT CUSTOMER'S RISK WATER ADDED ON JOB AT CUSTOMER'S REQUEST ARRIVE JOB SITE FINISH POUR WATER ADDED TO THIS LOAD BY AUTHORITY OF X CUMULATIVE QUANTITY UCAL QUANTITY ORDERED PRODUCT CODE UNIT PRICE PRODUCT DESCRIPTION **AMOUNT** MEASURE 10.00 190.00 500.00 OKADO2NI. 8000 PSI WE ST AIR/2DCI EY NOTE: CUMULATIVE QUANTITY MALUES MAY NOT REFLECT ACTUAL YARDS AMRIVED ON JOB. CON SAND 1000 Lb AEA 9.0 oz SUB TOTAL STONES 1850 Lb WRDA 41.0 02 TAX GEMENT 550 Lb SUPER TOTAL 54.6 02 WATER 31.0 Ga DCI 256. Ø oz SLAG 360 Lb

I-HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

DECK DOUR IF 330 LEVEL BETWEEN COUMN x LEWES 8 & 8.7 and approx-C3 & D

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

CUSTOMERIOR AUTHORIZED SIGNATURE

. . . . . . . DALIER COMPANY

# SET # 499 (7)

# Silver Spring Transit Center Project

PROJECT NUMBER: 16	027-0- MD
DATE: 12-30-10	1911.
WEATHER:	TEMP: Concrete = 57
POUR LOCATION: DECK DE	DUR IF 330' ELEVATION BETWEEN
COLUMN LIVES 888.7	and approx C3 a)
MIX DESIGN: 8000	PSI CUBIC YARDS: 470 yas = total placed!
CONVEYANCE METHOD:	······································
PLACEMENT TIME: START	. 4:00AM FINISH: 11:00 AM
DELAYS:	
ACTIONS:	
E'' A 3 "qui pur pun	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
-	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
***************************************	DRILLED PIER/SOLDIER PILE

## (8)

#### 18 Music Fair Road . Owings Wills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>55TC+C</u> Proj. No.: <u>16027-0-M</u>	supplier: Rockville Frel & Feed C
client: Mantgomery Co.	Ticket No.: 92291 Truck No.: 27
Contractor: Facchina	Water-Cement Ratio: . 26
Sample Location: DECK DUR IF ELEVATEDN 330' LEVEL	Mix Number: 8K2DC, 2NL
BETWEEN COLUMN LINES 7 8 8 and C8 8	Mix Design: 8000 Pht
Wethod of Placement Concrete Pump	Time Batched: 5:4/Am
Slump: 8 inches	Batch Size: 10 cu yds
Water added at site? Yes,gallons XNo	Date Molded: 12-30-10 Time: 6:26
Specimen made by: Brian F. a Tom W	Date Delivered to Lab:
Concrete Temperature: 60 °F	Unit Weight: PCF N/A
Air Content: 6.2% N/A	Weather: Cloudy
Specimen Set No.: 500	Air Temperature: 30° °F
Test Reg'd:AtDays;2 At 7 days;	At 14 Days; 3 At 28 Days; Reserved
Remarks: Bevolutions = 189, 2=56-day B	ceds (Lab Cured) 2=3-day Bread
Field Cured), 2=5-day Breaks (Field cure	d) 3=28-day Breaks/Field cyr
	indiana di salah dari sambutan dari salah dari salah sal
	s considerations

COCKVILLE FUEL AND FEED CLANT #1 % #2								30Dec10 5:41AM				Flop Gater WET Batch: 2 of 2		
folume:1 Truch 株:	11 % %	27		Mix ID: YFW OFC	BKRDCZML PRI ATT		1	Tickøt : FACCHINA	# A CON	92292 STRUC	TION C	T AIR/2DCI		
17 (C+b)	Rat	iot Ø.	26					SILVER	SPRIM	ti IRA	VSIT C	ENTER-750		
laterial		Desi	.gn	Moist	1 PA 100 11 1 12 1 2 1 1 1 1 1 1 1 1 1 1 1 1	Targe	et,	Actu	a I	Fre	e H20	Stabus		
JON_SAND	1817 F 27-71 JEST	1/2/2/2	Lb	7.5%	0.0%	5405	Llo	5360	Lb	405	Lia	Done		
STONES		1950	Lb	0.5%	ZI. ZIV	9296	Lb	9280	L.b	46	Lb	Done		
CEMENT		550	1 4.	2.9%		275Ø	i i-x	2750	1 50	(2)	L.t	Done		
3LAG	盤		Lb	21. 25%			Lb	1810	L.b		Lb	Done		
AEA	36 J.	9. 7	6 X	100.0%		as as	0.2	23	0.2		Lb	Done		
VRDA		41.0	0.2	0.0%		205	0.2	204	0.8	(2)	Lb	Done		
SUPER		54,6	O Z	1.00,0%		273	o a	272	οz	1.0	L., (5)	Done		
ŒI		256.Ø	OΞ	122.2%		1280	0.3	1312	$0$ $\mathbb{Z}$	85	L, b	Done		
MATER	*į	31.0	Gal	100.0%		74	$E_{\rm s}(0)$	1 74	Ga I	615	i;)	Done		

(ce/Batch 0 Lb Water allowed by mix design: 310 Total Water 280 40isture compensation water: 127 Water allowed at jobsite: 30 Gal

828887778887788888888888	VILLE & COMF	<u> 8 хари</u> (8) РАНУ, II			WIXED GONGRE		):30° >: 60°	CAUSE SKIN IRRI CONTACT WHERE EXPOSED SKIN A WATER IF ANY CO EYE, RINSE IMMEDI WITH WATER AND ATTENTION.	MIXED CONCRETE MAY TATION. AVOID DIRECT POSSIBLE AND, WASH, REAS PROMPTLY WITH NORETE GETS INTO THE ATELY AND PEPEATEOLY, GET PROMPT MEDICAL MEACH OF CHILDREN
P.O. Box 1 Rockville,	The second secon	and the second s	(S) E	R	T LOCATION: ockville, MD	<u>S:</u>	<u>: 811</u> 6,2%		301-762-398 1-877-847-RMI
DATE 30-Dec-10	30.55	C MADE	<u>.</u>	Col	lege Park, MD olumbia, MD	TAHEN		<u>ban</u>	DEKET #
INSTRUCTIONS RVL - E/N L/RT: 410	FAC SVILLE R LORBECK, (EAST-WE	CHINA CONS DAD, SILVE R/GEDRGIA SI HWY), L	AVE., PASS //COLESVILUE	MAP I-495 RD T	LOT/BLOCK R/16th STR O JOB ON RIG	EET,		TRANSIT CE	USE SLAB
PĽANT TRUCK/#	DRIVER	OFORI ATT	UNTER MUST E A	Sh Wi		ORDER#	i		5-8" TIME DUE 06:05
LOAD TIME	5:41AM.	START PO			ADDITIONAL WATER ANY WATER ADDED WATER ADDED ON J WATER ADDED TO T	IS AT CUSTOM IOB AT CUSTO	IER'S RISK MER'S RE(	QUEST:	ITS STRENGTH
LOAD G QUANTITY	UMULATIVE QUANTITY	ORDERED QUANTITY	PHODUCT CODE		PRODUCT DESCRI	PTION	UNIT OF MEASURE	UNIT PRICE	AMOUNT
10.00	240.00	500.00	BKEDCENL		0 PSI #8 ST		CY		
CON_SAND STONEO CEMENT		7 Lb AE( 7 Lb WRI 7 Lb SU	3 *1 3A 4 PER 5	7 RE 9.0 11.0 14.6 16.0	02 02	YARDS A	RIVET	SUB TOTAL TAX TOTAL	16.0 \ H

I HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT, IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

Deck POUT IF 330 level by Columnx likes 788 and CB&D CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

SLAG

360 Lb

## .... INDUETIED. BALIER COMPANY

## Silver Spring Transit Center Project

SET # 500	(8)

JOS AN IN I AM DON YOUR LOND WITH	PLACEMENT'			
	JAMES AS STREET STREET STREET	436 11 truesu		
2 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	THE ALL DOUBLE TO BE	B ALLER BANK AND A REST	LOGY I AND IN	T H 27A% 425 43 Mars 1244
PARCING DATA MINISTER AND	2 Cours & Now Source 17 & Breeze 17 &	LUCION BURNES	. 1 <i>1 1&gt;1</i> 11	1 8 L P T PA ELDY'N
	And the state of t	A HANT OF A OF WALL OF	7 A . 7 A	6.3 E 1 C 1 (*** 11

PROJECT NUMBER: 160	27-0- MD
DATE: 12-30-10	
WEATHER:	$Air = 60^{\circ}$ TEMP: Concrete = 30
	UR IF 330' ELEVATION BETWEEN
COLUMN LIVES 788 an	The state of the s
MIX DESIGN: 8000 F	Pump Truck
	4:00AM FINISH: 11:00 AM
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK / SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
***************************************	DRILLED PIER/SOLDIER PILE



### 18 Music Fair Road . Owings Wills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

	ers descriptives and the respective of the respect
Project: 55TC+C Proj. No.: 16027-0-MD	Supplier: Rockville Frel & Feed C
client: Montgomery Co.	Ticket No.: 92297 Truck No.: 80
Contractor: Facchina	Water-Cement Ratio: 0.26
Sample Location: DECK DOUR IF ELEVATED 330' LEVEL	Mbr Number: 8K2DC 2NL
BETWEEN COLUMN LINES 7/8 AND ADDROX C3 10 C8	Mix Design: <u>8000 P95</u>
Method of Placement Concrete Pump	Time Batched: 6:13Am.
Slump: 8" inches	Batch Size: 10 cu yds
Water added at site? Yes, gallons No	Date Molded: 12-30-10 Time: 6'.47AM
Specimen made by: Brian F. & Ton W	Date Delivered to Lab:
Concrete Temperature: 60° °F	Unit Weight: PCF N/A
Air Content: 5-2-/. N/A	Weather: CLEAR
Specimen Set No.: 50	Air Temperature: 31° °F
Test Req'd: At Days; 2 At 7 days;	At 14 Days; 3 At 28 Days; Reserved
Remarks: Revolutions = 96 , 2=56-day Br	raks (Lab cured), 2=3-day Brea
(Field Cured) 2=5-day Breaks (Field cured	1) 3 = 28 - day Breats (Field cuc
	The state of the s

ROCKVILLE FUEL AND FEED PLANE #1 & #8

BØDeclØ 6:136M Flop Gates. WET Batch: 2 of 2

Truck #:... 80

Volume: 10.00 yd3 Mix ID: 8K2DCENL DWIGHT L. EVANS

Mix Desc: 8000 PSI #8 ST AIR/2DCI

Ticket # 92297

FACCHINA CONSTRUCTION CO., INC.

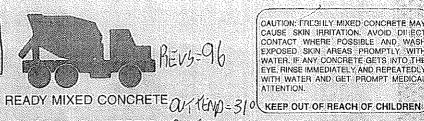
W/(Cap) Watine 0.26

SILVER SPRING TRANSIT CENTER-750

Material		Des		Moist		Targo		Actua			: H20	Status
CON_SAND		1.6926		6.5%	121 121%		Lb	5300	L.b		L.b	Done
STONES		1,850		0.5%	原。以外	9296	Lb	9300	Lb	4E	L.b	Done
CEMENT	ä	550	L.tə	Ø. Ø7		2750	Lb	2770	L,b	(Ş)	Lb	Done
SLAG		360	L b	21. 21%		1800	Lb	1790	Lb.	12)	L.b	Done
REA	* 1	9. 0	οz	120.0%		23	0.2	24	$O$ $\mathbb{Z}$	22	L.la	Done
WRDA		41.0		QL Q1%		205	0 2.	記例在	OΖ	(2)	Lh	Done
SUPER		54.6	o z	100.0%		273	0.2	272	Q.Z	1.8	Lb	Done
DCI		256.2		120.0%		1280	0.2	1312	OZ	85	L.b	Done
WATER	* 1	31.12	Gal	100.21%		81	Gal	81	Gal	674	Llp	Done

Ice/Batch 0 Lb Water allowed by mix design:. 310 Total Water 280 Moisture compensation water:. 113 Water allowed at jobsite: 30 Gal

## 29 IL TRUCK 8000051 ROCKVILLE FUEL & FEED COMPANY, INC



OAUTION: FREGILLY MIXED CONCRETE MAY CAUSE SKIN IRRITATION, AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER, IF ANY CONCRETE GETS INTO THE EYE, RINSE IMMEDIATELY AND REPEATEDLY.

P.O. Box 1707 (2-30 (0 Rockville, MD 20849-1707

PLANT LOCATIONS: CON TWO 600 Rockville, MD College Park, MD

SLUMP : B" AUR = 5.2%

7AKEN (0) (5.47AM

301-762-3988 1-877-847-RMIX

14 CYL MADE

PROJECT#

Columbia, MD

ETRAGORING TRANSIT CENTER-750

CUSTOMERINAMECHINA CONSTRUCTION CO. CUSTOMER JOB NUMBER LOT/BLOCK BUEN COLESVILLE ROAD, SILVER SPR USE SLAB Mayorione/NorBeck, R/GEORGIA AVE., PASS 1-495, R/16th STREET. L/RT.410 (EAST-WEST HWY), L/COLESVILLE RD TO JOB ON RIGHT. \*\*\*\* DRUM ROTATION COUNTER MUST BE WORKING

TRUCK # PRIMIGHT L. EVANS

LOAD TIME 6:13AM START POUR

ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH. ANY WATER ADDED IS AT CUSTOMER'S RISK.

ARRIVE JOB SITE FINISH POUR

WATER ADDED ON JOB AT CUSTOMER'S REQUEST

WATER ADDED TO THIS LOAD BY AUTHORITY OF X

LOAD QUANTITY	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE		AMOUNT
10.00	290.00	500.00	8KSDCSNL	8000 PSI #8 ST AIR/2DCI	ΩY		
						Gut and	
MOLECUL	JMULATIVES	MINITIA A	ACUES MAY NO	T REFLECT ACTUAL YARDS A	KIAFT	יממר אמי	
CON SAI STONEA		Ø Lb - AE Ø Lb - WR		9.0 oz 1.0 oz		SUB TOTAL TAX	
CEMENT				1416 oz		TOTAL	

GLAG

360 Lb

I HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS HEROED FOR THE THOUSE OF THE TROUBLE TO SELVENT WATERING TO THE THOUSE OF THE TOOK AND UNIVERSITY OF THE THOUSE OF RUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION

DEW DURIE 330 LEVEL BETWEEN COUMN & THE 5 7 & 8 GILL OPPOX C3 to C8.
CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

SET # 501 (9)

## Silver Spring Transit Center Project

PROJECT NUMBER: 160	27-0- MD
DATE: 12-30-10	
WEATHER: CLEAR	$Air = 31^{\circ}$ TEMP: Concrete = b0
	R IF 330' ELEVATION BETWEEN
COLUMN LEVES 788 and	the state of the s
MIX DESIGN: <u>8000</u> P:	SI CUBIC YARDS: 470 cu yas total placed
CONVEYANCE METHOD:	The state of the s
PLACEMENT TIME: START:_	4:00AM FINISH: 11:00 AM
ACTIONS:	
E''s A I was been been X & company of the company o	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
-	DRILLED PIER/SOLDIER PILE

#### 18 Music Fair Road . Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: SST Ctr. Proj. No.: 16027-0-MD	Supplier: Rockville Fueld Feed Co
Client: Montagnery Co.	Ticket No.: 92302 Truck No.: 410
Contractor: Facchina	Water-Cement Ratio: 0.26
Sample Location: DECX DOUR IF ELEVATION 330' LEVEL	Mix Number: 8K2DC2NL
BETWEEN COLUMN LINES	Mix Design: 8000 PSI
Method of Placement Concrete Pump	Time Batched: 6138am
Slump: 8" inches	Batch Size: 10 cu yds
Water added at site? ☐ Yes,gallons ⊠No	Date Wolded: 12-30-10 Time: 7:95am
Specimen made by: Brian F. & Joh W.	Date Delivered to Lab:
Concrete Temperature: 59° °F	Unit Weight: PCF N/A
Air Content: 32° N/A	Weather: SYNNY
Specimen Set No.: 502	Air Temperature: 3Z° °F
Test Req'd: At Days; 2 At 7 days;	At 14 Days; 3 At 28 Days; Reserved
Remarks: Revolutions = 168, 2=56-day Break	is bab quell 2=3-day Breaks (Field
Eured) 2 = 5-day Breaks (Field Cured) 3 =	: DB-day BEENES (Field Eved)
and a second	

ROCKVILLE FUEL AND FEED PLANT #1 & #2

30Dec10 6:38AM - Flop Gater.. WET Batch: 2 of 2

Truck #:... 410 MANUEL VILLEGAS

Volume: 10.00 yd3 Mix ID: 8K2DC2NL

Mix Desc: 8000 PSI #8 ST AIR/2DCI Ticket # 92302

Transport Ontina Or SE

FACCHINA CONSTRUCTION CO., INC. BILLER SERING TRANSIT CENTER-750

Material		Desi	ŊĦ	Moist		Targe	et	Actua	3. L	Free	9 H20	Status
CON_SAND	1.06 gt. 18, 11817 1		L.b	5. 5% 8. 5%	2. 2% 0. 0%	5291 9296	Lb	5360	Lb Lb	291 46	L.b L.b	Done Done
		:m (		625 - 42501 <i>f</i>		2750	L. b	2730	j la	Ø	L.to	Done
SLAG		550 360		0.0% 0.0%		1800	L.b	1810	<u>L</u> b	(2)	LI	Done
AEA WRDA	% <u>1</u> .	9.0 41.0	2 O 2 O	100.0% 0.0%		23 205	0 Z 0 Z	24 204	0 X 0 Z	2	Lb Lb	Done Done
SUPER		54.6	οz	100.0%		273	02	272 1312		1.8 Arg	Lb Lb	Done Done
DCI WATER	* 1	256.0 31.0	oz Gal	100.0% 100.0%		1280 88	oz Gal		Gal	733		Done

Ice/Batch Ø Lb Water allowed by mix design:. 310 Total Water 280 Moisture compensation water:. 105 Water allowed at jobsite: 30 Gal

P.O. Box 1707 Rockville, MD 20849-170	10) Set 502 P 17, INC. READY Slump=8" PLAN 7AE = 6.2% PLAN 6.11. temp: 590 CO	RWS:165  MIXED CONCRETE  IT LOCATIONS: Rockville, MD Illege Park, MD Columbia, MD	CAUSE SKIN IRRITA CONTACT WHERE E EXPOSED SKIN ARE WATER IF ANY CONC EYE, RINSE IMMEDIAT WITH WATER AND G ATTENTION. KEEP OUT OF RE.	MIXED CONCRETE MAY TION. AVOID DIRECT OSSIBLE AND WASH AS PROMPTLY WITH REFER GETS INTO THE BELY AND REPEATEDLY ET PROMPT MEDICAL ACH OF CHILDREN  301-762-3988 -877-847-RMIX
DUSTOMER CUSTOMER NAME 7572 FACCHIM DELIVERY ADDRESS 8404 COLESVILLE ROAD. INSTRUCTIONS RVL + E/NORBECK, R/GE L/RT.410 (EAST-WEST H ***** DRUM ROTAT	A CONSTRUCTION CO., I SILVER SPR ORGIA AVE. PASS 1-49	NG. PROJECT # PROJECT NAME ' NG. STILVER SPRING LOT/BLOCK P.O.#  5, R/16th STREET, TO JOB ON RIGHT.	ANG KANTANG AND AND ANG KANTANG KANTAN	TER=750  TOMER JOB NUMBER  USE  SLAD  SLUMP  6-8"
	START POUR  FINISH POUR  DERED PRODUCT ANTITY CODE	ADDITIONAL WATER ADDED TO THIS CONCEANY WATER ADDED IS AT CUSTOMER'S RIS WATER ADDED ON JOB AT CUSTOMER'S RE WATER ADDED TO THIS LOAD BY AUTHORIT  PRODUCT DESCRIPTION UNIT OF MEASURE	COUESTY.OF.XUNIT	97:0S
		000 PSI #8 ST AIR/2DCI CY REFLECT ACTUAL YARDS APRIVE)	O ON JOB.	
CON_SAND 1000 LE STONE8 1850 LE CEMENT 550 LE WATER *1 31.0 6a  **ELAG 360 LE THEREBY AUTHORIZED THE TRUCK (OR AUTHORIZATION LASSUME RESPONSIBIL SAID PROPERTY THAT MAY BE TRESPA TRUCK (THESE TRUCKS) FROM ANY LIAC  **DECEMBER 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TRUCKS) DELIVERY MATERIAL TO THIS JUSTY FOR ANY AND ALL DAMAGE THAT IS SEED ON FOLLOWING MY DIRECTIONS.	OB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE MAY BE DONE TO SAID PRIVATE PROPERTY AND TO FUND FROM THE PROPERTY AND TO FOUND THE PROPERTY AND THE PROPER	TOMPANY, INC. AND THE	To 8

## IIIL NUDERI B. BALIER COMPANY

# Silver Spring Transit Center Project

Stor to	1.
1 1	(10)
502	

PROJECT NUMBER: 160	227-0- MD
DATE: 12-30-10	
WEATHER:	Air = 32° TEMP: Concrete = 59°
POUR LOCATION: DECK DO	UR IF 330' ELEVAYIN BEYWEEN
COLUMN LIVES 687 and	lapprox C3 to C8
	PSI CUBIC YARDS: 400 yas total placed
CONVEYANCE METHOD:	
PLACEMENT TIME: START	: 4:00AM FINISH: 11:00 AM
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
ATT TO THE CONTRACT OF THE PART AND	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



### 18 Music Fair Road . Owings Mills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: SST Ctr. Proj. No.: 16027-0-00	Supplier: Rockville Fueld Feed Co.
Client: Montgomery Co.  Contractor: Facchina Sample Location: DECX DOVR IF ELEVATION 330 LEVEL  BETWEEN COLUMN LINES 6 & 7 and approxime 3 to CB  Method of Placement Concrete Pump  Slump: 8" inches	Ticket No.: 92307 Truck No.: 61  Water-Cement Ratio: 0-26  Wix Number: 8K2DC2NL  Wix Design: 8000 P5x  Time Batched: 7:/5Am  Batch Size: 10 cu yds
Water added at site? Yes, gallons No Specimen made by: Brian F. & JON W. Concrete Temperature: 60° °F Air Content: 6.8% NA Specimen Set No.: 503	Date Molded: 12-30-10 Time: 8:06AM  Date Delivered to Lab:  Unit Weight: PCF X N/A  Weather: 5UNN  Air Temperature: 32° °F  At 14 Days; 3 At 28 Days; Reserved
Fromarks: Revolutions = 250, 2=56-day Bree	ESLAS CWELD; 2= 3; day belors (12) E2B-day Brews (Field Cred)

ROCKVILLE FUEL AND FEED PLANT #1 & #2

300ec10 7 < 156图 Flop Gater.. WET Batch: 2 of 2

Volume:10.00 yd3 Mix ID: 8K2DC2NL Truck #:... 61 JOSEPH ELLIOTT

Mix Desc: A000 PS1 #8 ST AIR/2DCI Ticket # 92307 FACCHINA CONSTRUCTION CO., INC.

				Target	[mi] [a   A   A   A   A   A   A   A   A   A	1 4 40 44	
CON_SAND STONEB	e is no name now	1850 Lb	6.1% 0.7 0.5% 0.9		5260 Lb 9420 Lb	325 Lb 46 Lb	Done Over
CEMENT SLAG AEA WRDA SUPER DCI WATER	¥1	550 Lb 360 Lb 9.0 oz 41.0 oz 54.6 oz 256.0 oz 31.0 Gal	0.0% 0.0% 100.0% 0.0% 100.0% 100.0%	2750 Lb 1800 Lb 23 oz 205 oz 273 oz 1280 oz 83 Gal	2740 Lb 1800 Lb 24 02 205 02 272 02 1312 02 83 Gal	2 Lb 2 Lb 2 Lb 3 Lb 85 Lb 691 Lb	Done Done Done Done Done Done

Ice/Batch @ Lb Water allowed by mix design:. 310 Total Water 280 Moisture compensation water:. 103 Water allowed at jobsite: 30 Gal

M HOCK	<u>&amp;</u>	Badopy (11) Any, In	SET# 503	ADY MIXED CONCE	REV5= 24 IETE OUT (ITM)	320	CAUSE SKIN IRRI CONTACT WHERE EXPOSED SKIN A WATER IF ANY CO EYE, RINSE IMMEDI WITH WATER AND ATTENTION.	MIXED CONCRETE MAY TATION, AVOID DIRECT POSSIBLE AND WASH REAS PROMPTLY WITH NCRETE GETS INTO THE ATELY AND REPEATEDLY, GET PROMPT MEDICAL  EACH OF CHILDREN
P.O. Box 1 Rockville,	707  2-3€ MD 20849	10 -1707 KC	<u>Pl</u>	LANT LOCATION Rockville, MD College Park, MD Columbia, MD	ON BYY SUUY	6.87.		301-762-3988 1-877-847-RMIX
7572  DELIVERY ADDRESS BARRA COLLE INSTRUCTIONS RVL — E / N	USTOMERNAME FACT S SVILLE FO DRBECK, I	CHINA CONS DAD, SILVE R/GEORGIA A	IVE., PASS 1	, INC. PROJECT # 3  MAP LOTVALO  -495, R/16th ST RD TO JOB ON RI	REET.		TRANSIT CE	NTER-750 STOMER JOB NUMBER STOMER JOB NUMBER STAR
PLANT TRUCK # (7.1) LOAD TIME	DRUM RI IDRIVER JUSEPI 7:15AM		UNTER MUST B	ADDITIONAL WATE ANY WATER ADDED OF	ORDER #  ER ADDED TO THI D IS AT CUSTOM JOB AT CUSTOR	ER'S RISK MER'S RE	QUEST	E TIME:DUE G
LOAD COUNTRY	DUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT CODE	PRODUCT DESC	plation	UNIT OF MEASURE	UNIT	AMOUNT
100.000	390.00	500.00	AKEDCENL	8000 PSI #8 ST		Ċ.		
CON_SAND STONE8 CEMENT WATER SLAG	   1890   1850   1870   1	) Lb AEF 1 Lb WRI 1 Lb SUF 1 Ga DC)	) *1 )A 4 PER 5	REPLECTS ACTUA  9. Ø 62  1. Ø 62  54. 6 02  56. Ø 62  THIS JOB TO LEAVE THE BOAL			SUB TOTAL TAX TOTAL	C. J.K.

AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY, AND TO ANY OTHER PROPERTY ADJACENT/TO SAID PRIVATE PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

APOLIX. C3 to C8

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

CUSTOMER OR AUTHORIZED SIGNATURE

# SET # 503 (11)

j

## Silver Spring Transit Center Project

PROJECT NUMBER: 160	227-0- MD
DATE: 12-30-10	
WEATHER: SUNNY	$Air = 32^{\circ}$ TEMP: Concrete = 60°
POUR LOCATION: DECK DO	UR IF 330' ELEVATION BETWEEN
COLUMN LEVES 687 an	dapprox. C3 to C8
	PSI CUBIC YARDS: 470 Cyas = total placed
CONVEYANCE METHOD:_	,
	. 4:00AM FINISH: 11:00 AM
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
•	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road . Owings Mills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

**	The state of the s	
	Project: 55TC+( Proj. No.: 16027-0-M)	Supplier: Rockville Frel & Feed Co
	client: Montgomery Co.	Ticket No.: 923/6 Truck No.: 32
	Contractor: Facehina	Water-Cement Ratio: 0.25
	Sample Location: DECK DUR IF FLEVATED V 330' LEVEL	Mix Number: 8K2DC2NL
	BETWEEN COLUMN LINES 687 and C3 to C8	Mix Design: 8000 PS±
	Method of Placement Concrete Pump	Time Batched: 7:59AM
	Slump: 8" inches	Batch Size: 10 eu yds
	Water added at site? Yes,gallons No	Date Wolded: 12-30-10 Time: 8:5/AM
	Specimen made by: Brian F. & Tom W	Date Delivered to Lab:
41	Concrete Temperature: 64° °F	Unit Weight:PCF 🔀 N/A
- 11	Air Content: 6.1% N/A	Weather: SUNNY
	Specimen Set No.: 504	Air Temperature: 33° °F
	Test Req'd:AtDays;2 At 7 days;	At 14 Days; 3 At 28 Days; Reserved
- Actor Section	Remarks: Bevolutions = 128, 2=56-day Br	roks (Lab Cured) 2=3-day Breat
	Field Cuced), 2=5-day Breaks (Field Cureo	1) 3=28-day Breaks (Field cure
L		
-600		A SECTION OF THE PROPERTY OF T

ROCKVILLE FUEL AND FEED S# & I# TMAJE

300ec10 7:59AM

Flop Gater.. WET Batchr. 2 of 2

Volume: 10.00 yd3 Mix ID: 8K2DC2NL Truck M:... 32 CHARLES BALLOU

Mix Desc: 8000 PSI #8 ST AIR/2DC1

Ticket # 92316

FACCHINA CONSTRUCTION CO., INC.

			. 2.5	SILVER SPRING TRANSIT CENTER-750								
Material		Des.	ign	Moist		Targ	a t	Actu	a I	Fre	e H20	Status
CON_SAND STONE8		1000 1850	L.b	5. 3% 0. 5%	0.0% 0.0%	5280 9296	Lb	5260 9240	Lb	286	Lb Lb	Done Done
CEMENT SLAG AEA WRDA WRDA WATER	*1	550 360 9.0 41.0 54.6 256.0 31.0	02 02 02 02	6.0% 0.0% 100.0% 0.0% 100.0% 100.0%		2750 1800 23 205 273 1280	oz oz Tp	2760 1800 24 205 272 1312	Lb Lb oz oz oz oz oz	Ø 2 Ø 18	L to	Done Done Done Done Done Done Done

#### 44 BLIKNUK 8020PA CAUTION: FRESHLY MIXED CONCRE CAUSE SKIN IRRITATION, AVOID DISCONTACT WHERE POSSIBLE AND WASH ROCKVILLE EXPOSED SKIN AREAS PROMPTLY WITH REUS=128 WATER IF ANY CONCRETE GETS INTO THE EYE, RINSE IMMEDIATELY AND REPEATEDLY FUEL & WITH WATER AND GET PROMPT MEDICAL ATTENTION. FEED COMPANY, INC. READY MIXED CONCRETE OUT (LMP : 33° KEEP OUT OF REACH OF CHILDREN PLANT LOCATIONS: CAVILLED 649 P.O. Box 1707 | と3つ | 0 301-762-3988 GUMP: 3" 1-877-847-RMIX Rockville, MD 20849-1707 Rockville, MD ALL = 6.1% College Park, MD 14CYL MAPE Columbia, MD TAKEN (9) 8:51 AM 30-Dec-10 CUSTOMER # SILVER SPRING TRANSIT CENTER-750 FACCHINA CONSTRUCTION CO. INC 7572 CUSTOMER JOB NUMBER LOT/BLOCK DELIVERY ADDRESS 8404 COLESVILLE ROAD, SILVER SPR SLAB RVL - EZNORBECK, RZGEORGIA AVE., PAGS 1-495, RZIGTH STREET, L/RT.410 (EAST-WEST HWY), L/COLESVILLE RD TO JOB ON RIGHT. SLUMP 6-8" DRUM ROTATION COUNTER MUST BE WORKING TIME DUE ORDER # DRIVER PLANT TRUCK # W8:36 CHARLES BALLOU 32 ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH. START POUR LOAD TIME ANY WATER ADDED IS AT CUSTOMER'S RISK. 7 x 59AM WATER ADDED ON JOB AT CUSTOMER'S REQUEST ARRIVE JOB SITE FINISH POUR WATER ADDED TO THIS LOAD BY AUTHORITY OF X UNIT UNIT OF AMOUNT PRODUCT CODE CUMULATIVE ORDERED LOAD PRODUCT DESCRIPTION PRICE MEASURE QUANTITY QUANTITY CY BKZDCZNL BOOD PSI 48 ST AIR/2DCI 500.00 10.00 440.00 DUANTITY GALUES MAY NOT REFLECT ACTUAL YARDS AMRIVED MOTE: CLIMULATIVE SUB TOTAL 9.0 02 CON SAND 1000 Lb AEA TAX 41.0 oz 1850 Lb URDA STONEA TOTAL SUPER 54.6 02 550 Lb CEMENT 256.0 oz WATER 31.0 Ga DCI 360 Lb SLAG ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS I HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE

TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION."

DECK POUR IF 330' LEVEL BEWEEN CAUMN X LEWES

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

CUSTOMER OR AUTHORIZED SIGNATUR

SET # (12)

# Silver Spring Transit Center Project

PROJECT NUMBER: 16027-0- MD
DATE: 12-30-10
WEATHER: SUNNY TEMP: Concrete = 64.
POUR LOCATION: DECK POUR IF 330' ELEVATION BETWEEN
COLUMN LIVES 687 and approx C3 to C8
MIX DESIGN: 8000 PSI CUBIC YARDS: 470 Cu yas total placed.
CONVEYANCE METHOD: PUMP TRUCK
PLACEMENT TIME: START: 4:00AM FINISH: 11:00 AM
DELAYS:
ACTIONS:
SALTER VERIFICATION CONCRETE AND REINFORCMENT
FORMWORK/SHORING
SUB-GRADE FOR SLABS
———— FOUNDATION BEARING
REINFORCING STEEL
ELEVATED DECK SLAB
DRILLED PIER/SOLDIER PILE

#### THE ROBERT B. BAITER COMPANY Geotochnical Engineers

Project:

551 Ctr. Proj. No.: 16027-0-MD



#### 18 Music Fair Road . Owings Wills, Maryland 21117

Supplier: Rockville Fueld Feed Co.

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

client: Montgomery Co.	Ticket No.: 94316 Truck No.: 34
Contractor: Facchina	Water-Cement Ratio: .25
Sample Location: DECK DUR IF ELEVATION 330' LEVEL	Mix Number: 8K2DC2NL
BEYWEEN COLUMN LINES 687 and C3 to C8	
	Water Strategies Strategies Strategies Strategies Strategies de la constitución de la con
Weshod of Placement Concrete Pump	Time Batched: 2:59 AM
Slump: 7/2 inches	Batch Size: 10 cu yds
Water added at site? X Yes, 15 gallons□No	Date Molded: 17-30-10 Time:
Specimen made by: Brian F. & TOMW	Date Delivered to Lab:
Concrete Temperature: 65° °F	Unit Weight: PCF X N/A
Air Content: 5.9 % □ N/A	Weather: Sunny
	Air Temperature: 32 "F
Specimen Set No.: 505	T. St. T. Control for the Control of
Test Req'd:AtDays;At 7 days;	At 14 Days; At 28 Days; Reserved
Remarks: Revolutions = ,2=3-day Brea	iss(Field cured), 2=5-day breaks
I Field Cured) 2 = 28-day Break (Field Circul) * 10	inter-6= extra cylinder made for
Comparison set, as The Tim H. (Monigles)	
The state of the s	A A A A A A A A A A A A A A A A A A A
and the second s	
A STATE OF THE PROPERTY.	Managara Mara Mara Mara Mara Mara Mara Mara
OCKVILLE FUEL AND FEED (LANT #1 & #2	7:59AM Batch: 2 of 2
And the section is the contract of the section of t	Nix Desc:.8000 PSI #8 ST AIR/2DCl - Ticket # 92316
	Ticket #
//(C+P) Ratio: 0.25	SILVER SPRING TRANSIT CENTER-750
The state of the s	man and the second seco
Material Design Moist Target	Actual Free H2O Status
ON SAND 1000 Lb 5.3% 0.0% 5280 Lb	5260 Lb 280 Lb Done
TONEA 1850 Lb 0.5% 0.0% 9296 Lb	9240 Lb 46 Lb Done
	2760 Lb 0 Lb Done
Short Block 3 4	1800 Lb Ø Lb Done
NLAG 360 Lb 0.0% 1800 Lb AEA *1 9.0 or 100.0% 23 or	24 oz 2 Lb Done
10. 20. 20. 20. 20.	205 oz 0 Lb Done
9 mars 54 6 as 1997. 9% 273 oz	272 oz 18 Lb Done
NOTED WE TOOK OF THE OFFI	
ER *1 31.0 Gal 100.0% 1280 oz	1 89 Gal 741 Lb Done
The state of the s	and the street purposed it also the first treet and the street and
and the second s	
lce/Batch Ø Lb Water allowed by mix designsture compensation water: 102	gn: 310 Total Water 200

#### 4411 TRUCK 8200py CAUTION: FRESHLY MIXED CONCRETE CAUSE SKIN IRRITATION, AVOID DIRECT HOCKVILLE CONTACT WHERE POSSIBLE AND WASH REVS = 128 EXPOSED SKIN AREAS PROMPTLY WITH WATER, IF ANY CONCRETE GETS INTO THE FUEL & EYE, RINSE IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL ATTENTION. FEED COMPANY, INC. READY MIXED CONCRETE OUT (LMD:334 KEEP OUT OF REACH OF CHILDREN CXUTIMP 64P P.O. Box 1707 123010 PLANT LOCATIONS: 301-762-3988 Sump: 8" Rockville, MD 20849-1707 Rockville, MD 1-877-847-RMIX ALL: 6.1./1 College Park, MD TAKEN (1) 8:51 AM 14041 MARE Columbia, MD 9231 30-Dec-10 CUSTOMER # CUSTOMER PROJECT # SILVER SPRING TRANSIT CENTER-750 FACCHINA CONSTRUCTION CO., 7572 CUSTOMER JOB NUMBE P.O. # LOT/BLOCK DELIVERY ADDRESS 8404 COLESVILLE ROAD, SILVER SPR SLAB RVL - E/MORBECK, R/GEORGIA AVE., PASS 1-495, R/16th STREET, LIRT. 410 (EAST-WEST HWY), LICOLESVILLE RD TO JOB ON RIGHT. 5--6" \*\*\*\* DRUM ROTATION COUNTER MUST BE WORKING TIME DUE OBDER # DRIVER TRUCK # PLANT 08:36 CHARLES BALLOU 35 ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH. START POUR LOAD TIME 7:59AM ANY WATER ADDED IS AT CUSTOMER'S RISK. WATER ADDED ON JOB AT CUSTOMER'S REQUEST FINISH POUR ARRIVE JOB SITE WATER ADDED TO THIS LOAD BY AUTHORITY OF X UNIT PRICE UNIT OF CUMULATIVE QUANTITY PRODUCT AMOUNT. LOAD ORDERED PRODUCT DESCRIPTION MEASURE QUANTITY CODE 8000 PSI #8 ST AIR/2DCI 500.00 SK2DCEML 10.00 440,00 BUANTITY YALUES MAY NOT REFLECT ACTUAL YARDS ARRIVED ON JOB. NOTE: CUMULATIVE 9. 0 az CON SAND 1000 Lb AEA TAX 1850 Lb WRDA 41.0 02 STONE.8 TOTAL SUPER 54.6 oz 550 Lb CEMENT 256.0 oz WATER 31.0 Ga I HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL PROPERTY AS I DIRECT. IN MAKING THIS 360 Lb

AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS

TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

DECK POUR IF 330 LEVEL DEWELD CAUMN X LINE X LINES

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

### " L DODENI B. BALIER COMPANY

# Silver Spring Transit Center Project

,	1
SET #	
505	(13)
	(1)

PROJECT NUMBER:/60	227-0- MD
DATE: 12-30-10	3 V I I I
WEATHER:	Air = 330 TEMP: Concrete = 65
POUR LOCATION: DECK DO	UR IF 330' ELEVATUR BETWEEN
COLUMN LIVES 687 and	lapprox. C3 to CB
MIX DESIGN: 8000 F	SI CUBIC YARDS: 470 Ch = total placed
PLACEMENT TIME: START:	4:00AM FINISH: IL:00 AM
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

### THE ROBERT B. BALTER COMPANY Geotechnical Engineers



#### 18 Music Fair Road Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

tarre to the same and the same									
Project:	SST CTR	Proj. N	o.: 160	27-0-Mn	Supplier: R.	r.r.			
Client:	MONTBOMER	^			Ticket No.: 9	2 <u>406</u> Tru	rck No.: <u>40</u>		
Contractor:	FACCHENA		24		Water-Cement	Ratio:	0.28		
K	ation: <u>Sup</u> s	columns A	19-3 AND	C1-3	Mix Number:	S8K1DCN			
330' 10 352	D'LEVEL				Mix Design:	8000 psx			
Method of P	lacement	CRANE / BU	YEY.		Time Batched	12:00pm	,		
Slump:	30"in	ches $(S.C.$	C. SPREA	Batch Size: <u>810</u> 5 cu yds					
Water added		Yes,			Date Molded:   3-   Time:  2:08pm				
Specimen m	nade by:	BRIAN F/	TOM W	<i> </i>	Date Delivered	l to Lab:			
Concrete Te	mperature:	60°	°F		Unit Weight:	PCF	□ N/A		
Air Content:		X  N/A			Weather:	GUNNY / WILLDY			
Specimen S	et No.:	50b			Air Temperatu	re: <u>30</u> °	°F		
Test Req'd:	At	Days;	At	7 days;	At 14 Days;	Z At 28 Days	s; Reserved		
		Decembration of the second of		ENCHANCE THE THE STATE OF THE SECOND SECTION S		allen andere en			
***************************************		المراجعية والمراجعية والمراجعية المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة ا	المسلمة السلف	e e Particologia (1911) - Particologia de la manda de la manda de la Particologia (1911) - Particologia (1911) e Particologia (1911) - Particologia (1911) - Particologia (1911) - Particologia (1911) - Particologia (1911)	Angeling and the second		responded to the definition of the property of the second		
	e e gan								
OCKVILLE :	FUEL AND F #2	EED			3Janii 11:21AM		o Gates WET chs. 1 of 1		
olume: 0.4 ruck H: /(C+P) Rat			DDEN		Mix Desc: 80 Ticket # FACCHINA CON SILVER SPRIN	924Ø6 ISTRUCTION (			
aterial	Design	Moist	e twice receip thing high negatives		Actual	Free H20	Status		
ON_SAND TONE8	1370 Lb 1480 Lb		0.0% 0.0%	11537 L( 11899 L)		577 Lb 59 Lb	Done		

CEMENT & 550 Lb 0.0% 4400 Lb 4380 Lb 0 Lb 2880 Lb 2860 Lb 0 Lb Dane Ø. Ø% Ø. Ø% SLAG 360 Lb Done 45.5 02 WRDA 364 oz - 363 oz 12 Lb Done SUPER 75.0 oz 100.0% 600 oz 39 Lb SØØ or Done DCI 128.0 or 100.0% 1024 oz 1056 oz 69 Lb Done WATER \*1 35.0 Gal 100.0% 159 Gal | 158 Gal | 1316 Lb | Done 事情,她们就是一个,我们就是

Ice/Batch Ø Lb Water allowed by mix design:. 280 Total Water 247 Moisture compensation water:. 89 Water allowed at jobsite: 33 Gal

ISTANON 8000 PM ROCKVILLE DEL& FEED COMPANY, I	SETH 506 PO MIXED	REVS= 220  OUT HEMP: 300  CONCRETE CONJUMP = 600	CAUSE SKIN IRRIT CONTACT WHERE EXPOSED SKIN AF WATER IF ANY COI EYE, RINSE IMMEDIA WITH WATER AND	MIXED CONCRETE MAY ATION: AVOID DIRECT POSSIBLE AND WASH REAS PROMPTLY WITH CRETE GETS INTO THE TRELY AND REPEATEDLY GET PROMPT MEDICAL EACH OF CHILDREN
P.O. Box 1707 (-3-1) Sh. Rockville, MD 20849-1707 Plu DATE (ABL San 11) GOYL MADE 301-2	W ttyp <u>PLANT LOC</u> Rockville College Pa	SATIONS: MEDIE 30" S, MD Ork, MD		301-762-3988 1-877-847-RMIX
CUSTOMER / CUSTOMER NAME 7578 FACCHINA GONS	TRUCTION COL, INC.	PROJECT NAME.  STEVER SPRING		
DELIVERY/ADDRESS SAME STRUCTIONS STRUCTIONS SAME STRUCTIONS SAME SAME SAME SAME SAME SAME SAME SAM		LOT/BLOCK P.O. #	CU	STOMER JOB NUMBER ()
PVL EWNORDECK, RIGEORGIA  VINT.410 (EAST-WEST HWYY) 1  **** DRUM ROTATION CO	/COMESVILLE RD TO JOE	ON RIGHT.		COLUMNS:
PLANT THUCK # DRIVER GLIDDEN	UNITA NUME SE I CUIT NATUU	ORDER#		TIME OUT
LOAD TIME 1/1 21()M START PO	ANY WA	VAL WATER ADDED TO THIS CONCRI FER ADDED IS AT CUSTOMER'S RISK ADDED ON JOB AT CUSTOMER'S RE	, 18 (98) 7/3 H	
[1] A 1200 COMPLATIVE ORDERED.	PRODUCT I	ADDED TO THIS LOAD BY AUTHORITY	OF X	
QUANTITY OUANTITY QUANTITY	CODE HADDOO	ALDESCHIPTION MEASURE	PRICE	AMOUNT
8.00, 8.00, 15.00	S8K1DCNL 8000 PSI	#AST SCC HR/100 OF		
	O KEN)			
NOTE: CHMINATIVE QUANTITY V	ALUES MAY NOT REFLECT	ACTUAL YARDS ARRIVED	ON JOB.	
CON_SAND 1370 Lb WR	DA 45.5 oż PER 75.0 oz		SUB TOTAL TAX	
CEMENT s 550 Lb DC WATER *1 35.0 Ga			TOTAL	
arue sew rh				

I HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

SOME COUNTY AS AND CL-3 330 TO 350 LEVEL X

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

CUSTOMER OR AUTHORIZED SIGNATURE

# ITTE MUBERI B. BALTER COMPANY

Strike	
10017	
[306]	

# Silver Spring Trancit Canton D.

红林	U Juver Spring Fransit Center Project
(306)	CONCRETE PLACEMENT CHECKLIST / POUR CARD
1 ST TRIGK	PROJECT NUMBER: 16027-0- MD
GCYL MADE	DATE: 1-3-11
	WEATHER: <u>SUNNY / WENDY</u> TEMP: <u>Concrete</u> = 60°
	POUR LOCATION: SLOPE COLUMN A9-3 AND C1-3 330' TO 350' LEVEL
,	
·	MIX DESIGN: 8000 PSI CUBIC YARDS: 16 CH State total placed.
	CONVEYANCE METHOD: CRANE / BUCKET
	PLACEMENT TIME: START: 12:22pm FINISH: 1:30pm
	DELAYS:
	ACTIONS:
	Fo A 1 man bearing
	BALTER VERIFICATION CONCRETE AND REINFORCMENT
	FORMWORK / SHORING
	SUB-GRADE FOR SLABS .
	FOUNDATION BEARING
	REINFORCING STEEL
,	ELEVATED DECK SLAB
).	DRILLED PIER/SOLDIER PILE
	·

1 STTRUCK	6.c.c) Self-Consolidating C	Tomorrosta Pacit Daguilta
15T TEST	Project Name: 557 C/R	Project Job Number: 16027-0-MD
961# 50b	Date: 1-3-11	Truck #: 40
6 CYC MADE	Ticket #: 92406	Mix Designation #: SBK1DCNL (G.C.C)
	Placement Location: GUPE COLUMNS A9-3 W	10 C1-3 330' 60 350' LEVEL
ļ	Slump Flow Test (ASTM C1611 Standard Test Method for Slump Flow of Sel-Acceptable Range: 22"-30" Flow	f-Consolidating Concrete)
	22" 23" 24" 25" 26	5" 27" 28" 29" <u>(</u> 30")
[	(Record to nearest ½ inch)	
	Visual Stability Index Test Acceptable Range: 1-2 (If 3 on first test, retest once	2)
	$0 \frac{1\text{st test}}{1} 2 3$	<u>Retest</u> 0 1 2 3
	(Please Circle)	(Please Circle)

PASS

FAIL

(Please Circle)



THE STREET IS BALTER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

### Self-Consolidating Concrete Test Results

ZNOTRUCK	Project Name: SST GR	Project Job Number: 16027-0-MD
NO CYL MADE	Date: 1·3-1)	Truck #: 68
	Ticket #: 92415	Mix Designation #: S8K1DCNL (S.C.C.
	Placement Location: Supe Columns 49-3	
	Slump Flow Test (ASTM C1611 Standard Test Method for Slump Flow of Standard Acceptable Range: 22"-30" Flow	elf-Consolidating Concrete)
	22" 23" 24" 25" 2	26" 27" 28" (29 <del>5</del> ") 30"
	(Record to nearest ½ inch)	
	Visual Stability Index Test Acceptable Range: 1-2 (If 3 on first test, retest one	ce)
	$0 \underbrace{\begin{array}{c} 1\text{st test} \\ 0 \end{array}}_{2} 3$	Retest 0 1 2 3
	(Please Circle)	(Please Circle)

PASS FAIL
(Please Circle)



THE OTHER D BALLER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

### THE ROBERT B. BALTER COMPANY Geotechnical Engineers



#### 18 Music Fair Road Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>557</u> Proj. No.: <u>16027-0-M</u>	2 Supplier: R.F.F.
Client: Now Gomery County	Ticket No.: 92439 Truck No.: 76
Contractor: FACCHONA	
Sample Location: (Olymnis A3 AND A4-1.2 330' 10 35)	o' Mix Number: <u>8K1DC 2NL</u>
LEVEL	Wix Design: <u>8000 pst</u>
Method of Placement CRANE/BUCKEY	Time Batched: 1:14pm
Slump: $g^{\parallel}$ inches	Batch Size: 10 cu yds
Water added at site? ☐ Yes,gallons ☒No	Date Molded: 1-3-10 Time: 2:15pm
Specimen made by: BRIAN F. / tom W	Date Delivered to Lab:
Concrete Temperature: <u>60</u> ° °F	Unit Weight:PCF N/A
Air Content: 5.4 / N/A	Weather: <u>SUNNY / WINNY</u>
Specimen Set No.: 507	Air Temperature: 36 °F
Test Req'd:AtDays;At 7 days;	At 14 Days; At 28 Days; Reserved
Remarks: Rev4=126 , 2=56DAV5	
1997 - 1996 - La	Account of the second of the s
OCKVILLE FUEL AND FEED	SJanii Flop Gates WET
ANT #1 & #3	1:14PM Batch: 2 of 8
Dlume: 10.00 yd3 Mix ID: 8K1DC2NL Tuck #: 76 DON HAWKINS	Mix Desc: 8000 PS1 #6 ST AIR/iDCl Ticket # 92439
	FACCHINA CONSTRUCTION CO., INC.
(CAP) Ratio: 0.27	STEUER SPRING TRANSIT CENTER-750

Material		Des	****	Moist		Targ		Actu			: H80	Status
CON_SAND		1.000	Lb	4, 9%	Ø. Ø%	SESS	Lb	5220	l.b	258		Done
STONES		1.850	L.b	Ø. 5%	QL, 121%	9296	Lb	9320	ib	46	Lb	Done
CEMENT	15	550	ii	0.0%		2750	L. to	2739	Lb	125	lla	Done
BLAG		360	L.b	0.0%		1800	Lb	1830	L.b	120	Lb	Done
AEA	·×· <u>1</u>	7.2	OZ	100.0%		1.8	O.E.	19	0.2	1	Lb	Done
WRDA		41.0	0.2	Ø., Ø%		205	0.2	204	0.25	迎	L.b	Done
SUPER		54,6	OR	100.0%		273	0.2	272	OR	18	L.b	Done
DCI		128.0	0.2	1/2021.120%		640	$0  \mathbb{Z}$	672	OZ	44	L.b	Done
WATER	₩1	32.2	Gal	100.0%		100	Gal	1/02	Ga 1	849	ib	Done

Ice/Batch 0 Lb Water allowed by mix design: 320 Total Water 290 Moisture compensation water: 80 Water allowed at jobsite: 30 Gal

#### STAKHOR OXULDSE OCKVILLE "UEL & FEED COMPANY, INC



CULTEMP 36° Contenio=60°

GL(1100:811

READY MIXED CONCRETE ALE 5.4:/

WITH WATER AND GET PROMPT MEDICAL KEEP OUT OF REACH OF CHILDREN

CAUTION: FRESHLY MIXED CONCRETE MAY CAUSE SKIN IRRITATION AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH

EXPOSED SKIN AREAS PROMPTLY WITH

WATER, IF ANY CONCRETE GETS INTO THE EYE, RINSE IMMEDIATELY AND REPEATEDLY

P.O. Box 1707 (-3~10 Rockville, MD 20849-1707

PLANT LOCATIONS: MAN 82 15pm Rockville, MD College Park, MD

301-762-3988 1-877-847-RMIX

ATTENTION.

6 CYL MADE Columbia, MD 03-Jan-ii 92436 CUSTOMER # 7572 FACCHINA CONSTRUCTION CO. SILVER SPRING TRANSIT CENTER-750 LOT/BLOCK CUSTOMER JOB NUMBER P.O.# 8404 COLESVILLE ROAD, SILVER SPR RVL - EVNORBECK, RYGEORGIA AVE., PASS 1-495, R/16th STREET. SPECIA LIRT. 410 (EAST-WEST HWY), LICOLESVILLE RD TO JOB ON RIGHT. DRUM ROTATION COUNTER MUST BE WORKING \*\*\*\* 6-8" DON HAWKINS PLANT TRUCK # ORDER # TIME DUE 16 14:09 LOAD TIME

START POUR ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH. 1:14PM ANY WATER ADDED IS AT CUSTOMER'S RISK. WATER ADDED ON JOB AT CUSTOMER'S REQUEST ARRIVE JOB SITE FINISH POUR GAL. WATER ADDED TO THIS LOAD BY AUTHORITY OF X

LOAD QUANTITY	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	AMOUNT
10.00	10.00	20.00	8K1DCSNL	8000 PSI #8 ST AIR/IDCI	ĽΥ		
t di			7_		X saves Yang mul		
NOTE: C	UMULATIVE	⊋UANTITY (	ALUES MAY NO	T REFLECT ACTUAL YARDS AF	RIVED	ON JOB.	
CON SA	ana dening pri berakababah	0 Lb AE 0 Lb WR		7.2 oz		SUB TOTAL TAX	
CEMENT WATER	s 55		PER 5	1.0 oz 4.6 oz 8.0 oz		TOTAL	87 (A

SLAG 360 Lb

HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY, BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

COLLYMINS A3 AND A4-1.2 330' TO 350' LEVEL X

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

CUSTOMER OR AUTHORIZED SIGNATURE

### THE RUBERT B. BALTER COMPANY

Set# 504

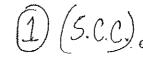
# (2)

# Silver Spring Transit Center Project

PROJECT NUMBER:/6	027-0- MD
DATE: 1-3-10	10112
WEATHER: SUNNY /	WENDY TEMP: Concrete = 60°
POUR LOCATION: COLUMN	V5 A3 ANO A4-1.2 330' 10 350' LEVEL
MIX DESIGN: 8000	PSI CUBIC YARDS: 20 Gus = total placed to
CONVEYANCE METHOD:	CRANE /BUCKEY
PLACEMENT TIME: START	: 2:30pm FINISH: 3:30pm
DELAYS:	
ACTIONS:	
ET H Y MARKET THE	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

HUGSVELLE FUEL AND FEED simmi. Cantopol PLINT SI & BR Time Gotern. Wen maki na Roja a Volume:19.80 yes Mix for 88s.105s. Truck bell: 70 OGBALD L. PROCE His Cesci. Biddo PB1 #66/ BLC 90/1DC licket # 92409 CACCHING CONSTRUCTION SO., AND Western Eaters of th SILVED SERVING TRONGIT CENTER- 25% and the second of the second o and some many and the second some consequences of the second consequences and the second second second consequences and the second seco Design Motes Farge, Outral Material nt. Statistics amogetism (1965) of section and section of the section of section of the section of the section of the Crea Hill Status. CON\_SAND 1370 Lb 5.0x 0.0% 7211 Lb 7180 Lb 361 Lb Done STONES 1480 Lb 0.5% 6.0% 7137 Lb 7480 Lb 37 Lb Done والمراز والروادي والمواوية برواجه الداج أواجر فيتموج والمراوية والمتارية 500 Lb 0.0% 360 Lb 0.0% 45.3 or 0.0% 75.0 or 100.0% CEMERT 2750 Lb 2760 Lb & Lb Done 1860 Lu 1800 Lb & Lb Done 268 or 227 oz & Lb Done 375 oz 372 oz 24 Lb Done 640 oz 678 oz 44 Lb Done SLAG MROG BURER 001 128.0 on 196.0% NATER 71 35.0 Gal 100.0% 104 Gal 105 Gal 874 Lb Done Joo/Batch & Lb Water allowed by mix designs. 350 Total Water 321 Moisture compensation water: 108 Mater allowed at jobstve: 25 Gal

THE	RO	BERT	₿.	BAI	TER.	COI	MPAP	(Y
(	Geo	tech	TR Ē	cai	Eng	ine	ers	



(5. C. C.) 18 Music Fair Road Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: SST CTR Proj. No.: 16027.0-MD	Supplier: R.F.F.
Client: Mont Comery County	Ticket No.: 92489 Truck No.: 79
Contractor: FACCHENA	Water-Cement Ratio: 0.29
Sample Location: SLOGS COLUMN B2 330'10 350'LEVEL	Mix Number: S8K1DC,NL
	Mix Design: 8000pst
Method of Placement CRAVE / BUCKEY	Time Batched: /2:14pm
Slump: 23" inches (SCC (XEAO)	Batch Size: 8 cu yds
Water added at site? ⊠ Yes, <u>Z9</u> gallons □No	Date Molded: 1-4-11 Time: 1:29pm
Specimen made by: BRYAN F / YOM W	Date Delivered to Lab:
Concrete Temperature: <u>65</u> ° °F	Unit Weight: PCF N/A
Air Content: XI N/A	Weather: SUNNY
Specimen Set No.: 508	Air Temperature: 3/° °F
Test Req'd: At Days; At 7 days;	At 14 Days; Z At 28 Days; Reserved
Remarks: REVS= 241 , $2=5$ bDAVS , $V3t=0$	horoccomunication and a successful and a

PEED COMP	508	READY MIXED CONCRET	CAUSE SKI CONTACT (CONTACT (CONTACT )  OUT LEWP: 31° TE CON 1874-169°	RESHLY MIXED CONCRETE MAY IN IRRITATION: AVOID DIRECT WHERE POSSIBLE AND WASH SKIN AREAS PROMPTLY WITH ANY CONCRETE GETS INTO THE IMMEDIATELY AND REPEATEDLY. R AND GET PROMPT MEDICAL T.OF. REACH OF CHILDREN
P.O. Box 1707 L. Rockville, MD 20849  DATE  (MA-1 an - Lit OCYL)  CUSTOMER # TOUSTOMER NAME	1707 ( ) ( ST SPELAD	College Park, MD Columbia, MD	SPREAD = 2311 END BREAD 1: ZBpm Z3"AND Z3" VSI = O	301-762-3988 1-877-847-RMI)
DELIVERY ADDRESS  AAAA COLECUTIVE RU INSTRUCTIONS  BUL - EINBRMECK, F	NGEORGIA AVE., PAS 1 AVY). L/OGLESVI	COL INC   3   S MAP LOTALOCK  3S 1-495, FYIGTH STREET LE RD TO JOB ON RIGHT	TEVER GERING TRANST	CENTER TSD  CUSTOMER JOB NUMBER  USE  SPECIAL  SLUMP
PLANT   TRUCK #   DRIVER	PRATION COUNTER MUS  L. PROCTOR  START POUR  FINISH POUR	ADDITIONAL WATER A ANY WATER ADDED IS WATER ADDED ON JOI	ADDED TO THIS CONCRETE WILL RIS AT CUSTOMER'S RISK.  BB AT CUSTOMER'S REQUEST.	TIME DUE 13403
LOAD CUMULATIVE QUANTITY	ORDERED PRODUCT QUANTITY CODE		IS LOAD BY AUTHORITY OF X  TION UNIT OF UNIT MEASURE PRICE	
10,00 10,00 (2:35) M.	12.00 58KiDCN	NET REFLECT ACTURE Y	CHRISTIN CV	
CON SAND 1370 STONES 1480 CEMENT 550 VATER *1 35.0 SLAG 360	NO WRDA Ch SUPER Lb DC1 Ga	45.5 oz RW-5 75.0 oz RW-5 126.0 pz	SUB TO	TAL TAX
TRUCK (THESE TRUCKS) FROM ANY  500 B. COLUMN B. 2 33	SPASSED ON FOLLOWING MY DIRE LIABILITY RESULTING FROM THIS . 10/10/340/LFVE/.	TO THIS JOB TO LEAVE THE ROAD AND GE THAT MAY BE DONE TO SAID PRIVA ECTIONS. I FURTHER INDEMNIFY ROCK AUTHORIZATION.  X  OF TERMS AND CONDITIONS C	VILLE FUEL & FEED COMPANY, INC., A	AND THE DRIVER OF THIS

CUSTOMERIOR/AUTHORIZED SIGNATURE

SET # 508 151 TRUCK 151 TEST 6 CYL MADE

# Silver Spring Transit Center Project

PROJECT NUMBER: 16	1027-0- MD
DATE: 1-4-11	
WEATHER: SUNNY	Air = 31° TEMP: Concrete = 65°
POUR LOCATION: Slupe	COLUMN BZ 330'10 350'LEVEL
CONVEYANCE METHOD:	PSI CUBIC YARDS: 14 cu = total placed 1  CRANE/BUCKEY
PLACEMENT TIME: START	T: 1:35 pm FINISH: 2:15 pm
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

红化以

### Self-Consolidating Concrete Test Results

<u> </u>	
Project Name: SST CIR	Project Job Number: 16027-0-MD
Date: 1-4-11	Truck #: <u>79</u>
Ticket #: 92489	Mix Designation #: SBK_LDCNL (S.C.C.
Placement Location: 5UPE Column B2	330'10 350' UEVEL
Slump Flow Test (ASTM C1611 Standard Test Method for Slump Flow of Acceptable Range: 22"-30" Flow	f Self-Consolidating Concrete)
(b) 22" 23" 24" 25"	26" 27" 28" 29" 30"
(Record to nearest ½ inch)	
Visual Stability Index Test Acceptable Range: 1-2 (If 3 on first test, retest of	once)
1 <u>st test</u> 0 1 2 3	<u>Retest</u> 0 1 2 3
(Please Circle)	(Please Circle)

1st test Not within required 22" to 30" (Spread) range See attached retest

PASS	FAIL	
	(Please Circle)	



HEF REPORTS IN BALTER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

2112 TEST 1517RUCK 6 CYLMADE SETH SOB	Project Name: <u>59† CTR</u> Date: <u>1.4-11</u> Ticket #: <u>92489</u> Placement Location: <u>5UPE COLUMN BZ</u> Slump Flow Test (ASTM C1611 Standard Test Method for Slump Flow of Self Acceptable Range: 22"-30" Flow  22" (3") 24" 25" 26'  (Record to nearest ½ inch)  Visual Stability Index Test Acceptable Range: 1-2 (If 3 on first test, retest once	Project Job Number: /b027-0-MD  Truck #: 79  Mix Designation #: S8K1DCNL (S.C.L. 330' 10 350' LEVEL  **Consolidating Concrete)  " 27" 28" 29" 30"
	1st test 0 1 2 3 (Please Circle)	Retest 0 1 2 3 (Please Circle)

29 = gallons water added @ site as allowed per batch ticket

PASS FAIL
(Please Circle)



HER GORDEN IS BALTER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

### Self-Consolidating Concrete Test Results

Project Name: SST CIR Project Job Number: 16027-0.100

Date: 1.4-1) Truck #: 68

Ticket #: 92494 Mix Designation #: S8K1DCNL

Placement Location: SUPE COLUMN B2 330 10 350 1 VEVEL

Slump Flow Test
(ASTM C1611 Standard Test Method for Slump Flow of Self-Consolidating Concrete)
Acceptable Range: 22"-30" Flow

22" 23" (243/4) 25" 26" 27" 28" 29" 30"

(Record to nearest ½ inch)

Visual Stability Index Test
Acceptable Range: 1-2 (If 3 on first test, retest once)

(Please Circle)

(Please Circle)

0 1 2 3

PASS FAIL,
(Please Circle)



HE ROSER E BALTER COMPANY

Geotechnical and Geo-environmental Engineers Construction Materials Testing and Inspection

SUCKVINIA FUEL OND FEAD THAMB BE & BE

Garani ( Kapazen

dary baths. . Wel ស្នើសស្នា ស្រាស់ ស

volumentésőő ydő – Min ing Ekliddek. Svenk Barar – MB – Mindel Eksedeni

THE A DUNCTION WORK AS ST MIRE LINES 3 identity \$ 92594

W/ (CHP) Rabios 8.60

TAGGSTAR CONSTRUCTION CO., INC. SILVER SPRING TUPESTS CONTRACTOR

Haturial		Úes.	Lan	Molst					à).			Calle dia le 1991
CON_SOND		LEWG		13.14	2. 24	5283		5860		269		សិហ្សាស
STONES		1850	(, h)	<b>0</b> , 57	is en	9696	Lħ	9250	Lb	46	L.b	Bone
CEMONT	į.	100 AT A	i. Li	\$. QX		10 mm 1 m	1. 1.	2746	1.17	vi:	1.1.	1741344
M.A6		369	(-)	9.48%		1800		1818			1.13	Bone
NEO -	# i	7,3	0.8	LEG. UY			0.2		(3) Rt		L. hi	Rune
IBDA		41.0	$(r \otimes z)$	6.0%		ava	១ឌ	皇獨在	0.2	-	Lb	Uone
MARER		54.6	0 %	100.07		表义等。	0 X	272	0.8			Dane
HOÏ		128.6	W 65	199, 97		649	10 E	878	OW		L, E	9una
护托车	$M_{\bullet}$	36.0	fat.	ide. On		100	i9a I	1.122	601	841		Dane

Ide/Batch Will Water allowed by ata designs. 320 Total Water 292 Moisture compensation waters. Bi Water allowed at jobsite: <8 Sal

THE ROBERT B. BALTER COMPANY Geotechnical Engineers



18 Music Fair Road . Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>SSt CTR</u> Proj. No.: <u>16027-0-M0</u> Client: Monthsomen Cauna	Supplier: R.F.F.
1000	Ticket No.: 92504 Truck No.: 82
Contractor: FACCHENA	Water-Cement Ratio: 0.27
Sample Location: <u>COLUMNIA2</u> 330'	Mix Number: 8K1X2NL
16 350' LEVEL	Wix Design: 8000 PSI
Method of Placement CRANE /BUCKEY	Time Batched: 2:07pm
Slump: 7.5" inches	Batch Size: /0 cu yds
Water added at site? ☐ Yes,gallons ☒No	Date Molded: 1-4-11 Time: 3:/5pm
Specimen made by: BRIAN F. / Iom W.	Date Delivered to Lab:
Concrete Temperature: 67° °F	Unit Weight:PCF [X] N/A
Air Content: $6.2\%$ $\square$ N/A	Weather: SUNNY
Specimen Set No.: 509	Air Temperature: 40° °F
Test Req'd:AtDays;At 7 days;	At 14 Days; 2 At 28 Days; / Reserved
Remarks: <u>REVS= 190</u> ; 2= 56pays	

155 TRUCK 8000PSE ROCKVILLE FUEL & FEED COMPAI	3503:15pn 4:1# 1 509 1	REVS=10 arriting	QO CAUSE SKIN IR CONTACT WHER EXPOSED SKIN WATER IF ANY C EYE, RINSE IMME	LY MIXED CONCRETE MAY, RITATION: AVOID DIRECT E POSSIBLE AND WASH AREAS PROMPTLY WITH ONCRETE GETS INTO THE DIATELY AND REPEATEDLY, D GET PROMPT MEDICAL
P.O. Box 1707 J-4 11 Rockville, MD 20849-17  DATE  VA-JSD-11  CUSTOMER #   CUSTOMER NAME	207 (2) <u>PL</u>	ANT LOCATIONS:  Rockville, MD College Park, MD Columbia, MD		301-762-3988 1-877-847-RMIX
DELIVERY ADDRÉSS  8404 CONCESVILLE MOAD.  1850 INSTRUCTIONS	SILVER SPR DROID AVE - DAGE 1-	INC. SILVER ST AP LOTALOCK PO	PINS TRANSIT OF	NTER-YEW USTOMEN JOB NUMBER: USE SIDER (A)
PLANT TRUCK # DRIVER MIGUEL ES  LOADITME  ARRIVE JOB SITE	TOW COTINIEN WIRE DE	ADDITIONAL WATER ADDED TO THE ANY WATER ADDED ON JOB AT CUSTON WATER ADDED ON JOB AT CUSTON	ER'S RISK.	
AUG YTTHAUD YTTHAUD	DEFIED PRODUCT CODE  100 000 BK NDCENL F	WATER ADDED TO THIS LOAD BY A		AMOUNT
NOTE: CUMULATIVE BUANT	LIJA NUFNER WOA WELL	MEFLECT ACTUAL YANDS AL	RIVED ON JOB.	
CON_SAND 1000 Lb STONES 1850 Lb CEMENT 5 550 Lb WATER *1 32.0 Ga	WRDR 41.	2 02 0 02 6 02 8 02 1 02	SUB TOTAL TAX TOTAL	B7.15
SAID PROPERTY THAT MAY BE TRESPASSI TRUCK (THESE TRUCKS) FROM ANY LIABIL	EED ON FOLLOWING MY DIRECTIONS. TTY RESULTING FROM THIS AUTHORIZ 50 1 (1708)		AND TO ANY OTHER PROPE FEED COMPANY, INC. AND TH	RTY ADJACENT TO IE DRIVER OF THIS
RECEIVED BY: X	DUNDERSTANDS ALL OF TER CUSTOMER OR AUTHORIZED	RMS AND CONDITIONS CONTAINED	ON BOTH SIDES OF TH	IS DOCUMENT.

# ITE MUBERI B. BALTER COMPANY



# Silver Spring Transit Center Project

(2) CONCRETE PLACE	EMENT CHECKLIST / POUR CARD
PROJECT NUMBER: 160	027-0- MD
	TEMP: Concrete = 67°
POUR LOCATION:	
350' LEVIEL	
MIX DESIGN: <u>8000</u> F CONVEYANCE METHOD:	OSI CUBIC YARDS: 10 Gus total placed tool  CRANE / BUCKEY  300 pm FINISH: 4:05 pm
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
Management of the state of the	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
• • • • • • • • • • • • • • • • • • •	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

VENCEUR LESS FRANCE FAMILY PURCE. N. Paris I. J. Ding, balter, dete Parell Na & Bit SUNT HAR Att Becker and designed the confidence of HOR Desur HOME PER WYSER/WR/TOUT tarwell for the dist 1. (1) 克克斯·克尔斯·斯拉 Marian and State (Mariane 4) FABRETHAN COMPTRUCTION CO. INC. WARRANT RUNALL COMPANY BALAND DEWING TRANSPIT CHAFER-YOR Makerlad Delign Kalet Notes that the property of the control of the contr faryet Getsal Tree Han Status CONTRACTOR TYPE CONTRACTOR CONTRA Wid Lb STONE 1999 La 0.6% 9.9% 17866 Lb 17666 Cb 100 1.0 Owne 423 Lt 6.0% 282 Lt 6.0% LEMENT 48770 LB 48/30 LB (3 J. F) Done Isl. 14to 2824 Lb 2610 Lb (8 L.D Dores i 6.8 oz 105.89 V4045 398 - 5 % 296 o x 12 1.13 Done 1312 or 1.1 :328.0 oz 100.0% 1280 oz 66 Lb Done 214 oz WRUM Wid ax W Ltg Done MATER #1 33.2 Gal 100.0% 206 Gal 206 Gal 1716 Lb 国科子医育 and the second second

Tou/Datch | 6 Lb | Water allowed by mix designs. | 338 | Total Water |

Moisture compensation waters. 96 Water allowed at jobited 30 Gal

#### THE ROBERT B. BALTER COMPANY Geotechnical Engineers



18 Music Fair Road Owings Mills, Maryland 21117 SOE

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: SST CTR Proj. No.: 16027-0-M supplier: R.F.F.
Client: Montgomery Country  Contractor: FACCHINA  Sample Location: Daraper Wall Birween Column  Long hard of 350 Level on "A" Lime  Mix Number: 45k1D2N  Mix Number: 45k1D2N  Mix Design: 4500 par  Mix Design: 4500 par  Time Batched: 10 cu yds  Water added at site? Yes, gallons No  Specimen made by: BRSAN F / Tom W  Specimen made by: BRSAN F / Tom W  Concrete Temperature: 65° °F  Unit Weight: PCF NI/A  Specimen Set No.: 510  Air Temperature: 36° °F  Test Req'd: At Days; At 7 days; At 14 Days; 2 At 28 Days; Reserved  Remarks: Rey's 123 / 2=56 Mys

the first of the first of the first of the state of the first of the f

Rockvill	( 1707 ]=5 - [\ e, MD 20849-1' -	707	(1)	College	<u>ICATION</u> Ille, MD Park, MD bia, MD	AFR	^P = 5" = 5% POII = 194	W/2	301-76 1-877-847
€5 Jan - customen# 572	CUSTOMER NAME	NG CONSTRI	iction po	P.	ROJECT#	PROJECT NAM	AE .	TRONSIT C	exerco rec
DELIVERY ADDR			G24, 14, 19, 11, 11, 11, 11, 11, 11, 11, 11, 11	MAP	LOT/BLO	12.71	P.O. #	And the state of t	CUSTOMER JOB N
INSTRUCTIONS	S. Francisco	nes.	PASS 1	495, R/	16th 91	īαE. T			USE SLAA
1/87 41( ***	自然的复数形式 化二氯甲基苯甲基甲基苯甲基甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基		SVILLE MUST B	RD (TO JO	BEGMERI	GHT.			SLUMP .
PLANT TRUC	K# DRIVER	3				ORDER#	9		TIME DUE
LOAD TIME	1981	START POUR		ANY	NATER ADDE	D IS AT CUS	TOMER'S RIS	Karaman Nasa Calabatan 1997	CE ITS STRENGT
ARRIVE JOB S	ME (	FINISH POUR			R ADDED ON R ADDED TO				GAL.
LOAD QUANTITY		RDERED UANTITY	PRODUCT CODE	PROD	UCT DESC	RIPTION	UNIT OF MEASURE	UNIT PRICE	AMOUN
10 00	19,00	24.00%	ASK I DZN	4580 PS	I W/AIR	/WR/ADC	L LY		
NOTE: C	MULATIVE DUA	ULIPV VELTV	ESEMAY NO	T REFLEC	r actual	. YARDS	AIRIVED	ON TOB	
CQN_GAN			91	baΨ.oz				SUB TOTAL	
STONE CEMENT	1750 (L) 483 (L)	en al l'altre de l'archée, que en la lateration de la reche de la reche		8.0°07 1.0°02				TOTAL	

須<sub>下</sub>井 510

# Silver Spring Transit Center Project

PROJECT NUMBER: 16027-0- MD
DATE: 1-5-11
WEATHER: SUNNY TEMP: Concrete = 65°
POUR LOCATION: PARAPET WALL BETWEEN COLUMNS 610.9 350' LEVEL ON "A" LEVE
MIX DESIGN: 4500 PSI CUBIC YARDS: 24 cus = total placed t
CONVEYANCE METHOD: CRAVE / BUCKEY
PLACEMENT TIME: START: //:// AM FINISH: /:// PM
DELAYS:
ACTIONS:
BALTER VERIFICATION CONCRETE AND REINFORCMENT
FORMWORK/SHORING
SUB-GRADE FOR SLABS .
FOUNDATION BEARING
REINFORCING STEEL
ELEVATED DECK SLAB
DRILLED PIER/SOLDIER PILE

MOCKVILLE FUEL (MM) FLED THUMBER OF G. WILL

Efanil Jaca WS14a

- Plup Gates, , WE Balthas & of

Triangle Triangle (Fig. 10: 9KIDCEML) Francis Walls: 76 (ROM 9LEENELL)

Mix Darus, 8000 PHI #8 HT HIRZIDGE Tionet & 92549

Walter Pratice 6.20

FACOTIME CONSTRUCTION CO. 1 100. BILVER SPRING TRANSIS CONTER-708

Material		Des	***	Moist		larq			n A	Pites.	e HRO	特的基本政治
CON_SAND		主物政府	179	4, 9%	Ø., 1974	5256		3286		235	Lb	Cons
STUNES		wee:	113	8. B%	<b>边。</b> 迪尔	9296	iİti	928%	La	46	dt	Done
CEMENO		55575	115	G, Wy.		2750	i. ŝi	2270	J. Ba	内	Lb	Qone
MAG		360	ii)	4.67		1890		1620			i13	Dans
1664	3.3	7. 8	O 2.	100.0%		i, 8	S 62	<i>i                                    </i>	Q M		iio	Uone
VRUM		年1. 语		Ø. W%		205	oæ	286	0.2:	<i>173</i>	i, b	Done
SUPEN		54.5	$\Omega$ $\mathbb{R}$	100.0%		273	02		0.8	1 (3	110	Dung
oci		189.0	$\Omega$	ion, or		540	0.2	672	O.Z.	今時	i., ip	Done
胡子高拉	*8- 3	30. a V	$\chi \in \mathbb{C}$	主切论。由为		i kit	lija i	1973	Gal	858	L.1a	Done

ice/Catch & Lb Water allowed by min designs. 320 Total Water 230 Meisture compensation waters. 88 Gal

THE ROBERT B. BALTER COMPANY Geotechnical Engineers



18 Music Fair Road . Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>SST GIR</u> Proj. No.: 16027.0.MD	Supplier: R.F.F.
Client: Mon/60mery County  Contractor: FACCHENTA  Sample Location: COLUMN 49-1.1 330' 10 350' LEVEL	Ticket No.: 92544 Truck No.: 74 Water-Cement Ratio: 0-27 Mix Number: 8K1DC2NL
Method of Placement <u>CRAME / BUCHEY</u> Slump: <u>6</u> inches	Mix Design: 8000 ps; Time Batched: 12:05 pm.
Water added at site? ☐ Yes,gallons ☑No Specimen made by: BRばAN F / Tom W	Date Molded: 1.5.1 Time: 1.14pm  Date Delivered to Lab:
Concrete Temperature: 65° °F  Air Content: 491/,   N/A	Unit Weight: PCF N/A Weather: SUNY
Specimen Set No.: 5    Fest Req'd: At Days; At 7 days;  Remarks: REV4= 48	Air Temperature: 37° °F  At 14 Days; 2 At 28 Days; Reserved

### ITRUCK 8000 PSE OCKVILLE UEL &

REV5= 48

CAUTION: FRESHLY MIXED CONCRETE MAY CAUSE SKIN IRRITATION. AVOID DIRECTION CONTACT WHERE POSSIBLE AND WASHING SERVICES SKIN AREAS PROMPTLY WITH MATER. IF ANY CONCRETE GETS INTO THE VESTIGATED AND ADDRESS THE VESTIGATION OF THE SERVICE OF THE PARTY AND ADDRESS THE VESTIGATION OF THE SERVICE OF THE PARTY AND ADDRESS THE VESTIGATION OF THE SERVICE OF THE PARTY AND ADDRESS THE VESTIGATION OF THE SERVICE OF THE PARTY AND ADDRESS THE VESTIGATION OF THE SERVICE OF THE SERVI EYE RINSE IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL ATTENTION

P.O. Box 17 Rockville, A	07 1-5-1	) 1707		LAN Ro Coll		TIONS: MD G MD	WN NEW	p=65 =6" =49%		301-762-3988 1-877-847-RMIX
CUSTOMER # CUSTOMER # CUSTOMER # CUSTOMER # CUSTOMER # COLEB	TOMER NAME FACCH	INA COKS	TRUCTION 60.	IN MAP	SAMPLEA DV TOS SOCIOLOGICO SOCIO	T# PROJE	CT NAME	arthe."	RANSIT CE	NTE R- 750 NTE R- 750 USTOMER JOB NUMBER
L/RT 410 ( 計學學 PLANT TRUCK#	EAST MEST DRUM RUT DRIVER	HWY), L ATION CO	AVE PASS I /COLESVILLE UNTER MUST R	RD T	0 JOB C	in Raght,				SPECTAL SLOWP 6-8" TIME DUE 1.3100
LOAD TIME 12 ARRIVE JOB SITE	RON BUS	START PC			ANY WATE	AL WATER AD THE ADDED IS F DED ON JOB DED TO THIS	T CUSTON AT CUSTO	IER'S RISK MER'S REC	QUEST	4 Control Control
		ORDERED QUANTITY	PRODUCT CODE		PRODUCT	DESCRIPTI	ON	UNIT OF MEASURE	UNIT PRICE	AMOUNT
10.800 NOTE: C.IMU	10.00 LATIVE 10	IO. OO ANTITY V	ekabasni 4	8		8 87 ATI		CY.	ON JOB;	
CON SAND	1000 1830 550 *1 32.0	Lb WRI Lb SUI Ga DC	OA 4 PER 5	7, 2 \$1, 0 54, 6 28, 0	oz 🦸				SUB TOTAL TAX TOTAL	87 Lb

SLAG 360 LD:

I HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

COUMN A9-1.1 332140350 LEVEL X
CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

### ITTE MUDERI B. BALTER COMPANY

**生た** 5川

į

# Silver Spring Transit Center Project

PROJECT NUMBER: 16	6027-0- MD
DATE: 1-5-11	VI III
WEATHER: <u>SUNN</u>	$\frac{Air = 37^{\circ}}{TEMP: Concrete = 65^{\circ}}$
POUR LOCATION: COLUM	NN A9-1-1 330' TO 350' LEVEL
MIX DESIGN: 8000	PSI CUBIC YARDS: 10 Gus= total placed t
CONVEYANCE METHOD:	CRANE / BUCKEY
PLACEMENT TIME: STAR	T: 1:22pm FINISH: 1:45pm
DELAYS:	
ACTIONS:	
,	
DAI TIME	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS .
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

#### THE ROBERT B. BALTER COMPANY Geotechnical Engineers



#### 18 Music Fair Road Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>SST CTR</u> Proj. No.: 16027-0-M0	Supplier: R.F.F.
Client: Mauthomary County	Ticket No.: 92665 Truck No.: 67
Contractor: FACCHINA	Water-Cement Ratio: 0.26
Sample Location: STACKWAY #4 330' LEVEL TO LANDENG	Mix Number: 8K2DCZNL
SLAB AND NOATH AND WEST COLUMNS	Wix Design: 8000P45
Method of Placement CRANE / BUCKET	Time Batched: 10:31 Am
Slump: 6 <sup>11</sup> inches	Batch Size: // cu yds
Water added at site? ☐ Yes,gallons ☒No	Date Molded: 1-7-11 Time: /1:20AM
Specimen made by: BRYAN F / TOM W	Date Delivered to Lab:
Concrete Temperature:°F	Unit Weight: PCF N/A
Air Content: $5.0\%$ N/A	Weather: CLoudy
Specimen Set No.: 512	Air Temperature: 32° °F
Test Req'd:AtDays;	_At 14 Days; At 28 Days;   Reserved
Remarks: REVS= 107 , 2-56DAVS	- Marketine
	WEATHER DOWN OF THE PROPERTY O
en e	

ROCKVILLE FUEL AND FEED PLANT #1 & #2

7 Jan 1 1 iø:31AM Flop Gates.. WET Batch: 2 of 2

Velume: 10.00 yd3 Mix ID: 8K2DC2NL Truck #:... 67 TOMMIE TORLINSO

Mix Desc: 8000 PS1 #8 ST AlR/2DCI Ticket # 92665 FACCHINA CONSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-750

W/(C+P) Ratio: 0.26

AA A 7 (2) A 4 (4) A 4						por por la serie de la serie d						
						T accepted	ş of w	三氟铅铁铁 15道	1 /	10.11.19.19	1 1 1 1 1 1 1 1 1	Status
CON_SAND STONE8		1, (2020)21	Lb Lb	4.7% 0.5%	21., 121% 13., 121%		£10	5220 9280	L.b L.b	22 19 7	Lb Lb	Done Done
CEMENT SLAG AEA WRDA SUPER DCI	×į	360	0 % 0 % 0 %	0.0% 0.0% 100.0% 0.0% 100.0% 100.0%		2750 1820 23 205 273 1280	0 % 0 % 0 %	2740 1010 24 205 272 1312	Lb oz oz oz oz oz Gal	0 2 10 10	Lb Lb Lb Lb Lb	Done Done Done Done Done Done Done
WATER	W-1	31.0	Gal	100.0%		9.5	Gal				nga amin yangi an	of speed down about these wood place doubt below their propagation feets after

Tce/Batch Ø Lb Water allowed by mix design:. 310 Total Water 283 Moisture compensation water: 97 Water allowed at jobsite: 27 Gad i de La

#### 5 MULL BROO CAUTION: FRESHLY MIXED CONCRETE MAY CAUSE SKIN IRRITATION AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH BEV5-107 EXPOSED SKIN AREAS PROMPTLY WITH SWATER IF ANY CONCRETE GETS INTO THE "UEL & EYE, RINSE IMMEDIATELY AND REPEATEDLY OUTALOOP=320 WITH WATER AND GET PROMPT MEDICAL FEED COMPANY, INC. READY MIXED CONCRETE CONTINUES 610 KEEP OUT OF REACH OF CHILDREN P.O. Box 1707 1-7-11 PLANT LOCATIONS: SLUMP : 611 301-762-3988 Rockville, MD 20849-1707 Rockville, MD 1-877-847-RMIX Ata: 5.0% College Park, MD TAKIN OIL: ZOON Columbia, MD Wir Jan 6 CYL MAO= 58565 CUSTOMER # CUSTOMER NAME PROJECT NAME PROJECT # 4.772 FACORINA CONSTRUCTION CO. SILVER SPRING TRANSIT CENTER-750 DELIVERY ADDRESS MAP LOT/BLOCK P.O. # CUSTOMER JOB NUMBER 8404 COLESVILLE ROAD, SILVER SPR USE RUL - ELMORBECK, MYGEORGIA AVE., PASS 1-495, MY16KA STREET, STED LART, ALV (EAST-WEST HWY), LACOLESVILLE RD TO JOB ON RIGHT. SLUMP DRUM ROTATION COUNTER MUST BE WORKING PLANT TRUCK # ORDER # TIME DUE TOMMICS TOMETHRON START POUR LOAD TIME ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH. ideáilm ANY WATER ADDED IS AT CUSTOMER'S RISK. WATER ADDED ON JOB AT CUSTOMER'S REQUEST. ARRIVE JOB SITE FINISH POUR WATER ADDED TO THIS LOAD BY AUTHORITY OF X CUMULATIVE QUANTITY ORDERED QUANTITY LOAD PRODUCT CODE UNIT OF PRODUCT DESCRIPTION AMOUNT QUANTITY MEASURE 10.00 10.00 20,00 **BKEDCENL** 8000 PSI NA ST AIN/2DCI ÜV NOTE: CUMBLATTUE DUGN TTY MALUES MAY NOT REFLECT ACTUAL YARDS OFFICED UN JOB. SUB TOTAL CON SAND 1000 Lb ara 9. W oz TAX STONES 1850 Lb MADA 41.0 oz TOTAL. CEMEN. 550 Lb SUPER iji.b.uz WATER 31.0 Ga 256.W oz 360 Lb HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION STATEWAY # 4 330'LEVEL TO LANDENG SLAB AND NORTH X AND WEST COLUMNS CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

CUSTOMER OR AUTHORIZED SIGNATURE

RECEIVED BY: X

# ITE MUDERI B. BALTER COMPANY



į

# 1

# Silver Spring Transit Center Project

PROJECT NUMBER: 16027-0- MD
DATE: 1-7-11
WEATHER: CLOUDY / WENDY TEMP: Concrete = 61°
POUR LOCATION: STAKRWAY #4 330 LEVEL TO LAWOKNE SLAS AND THE
NORTH AND WEST COLUMNS
MIX DESIGN: 800 PSI CUBIC YARDS: 2004 5 total about to
CONVEYANCE METHOD: CRAVE / BUCKET
PLACEMENT TIME: START: 11:30 AM FINISH: 1:00 PM
DELAYS:
ACTIONS:
A Y mysew man
BALTER VERIFICATION CONCRETE AND REINFORCMENT
FORMWORK / SHORING
SUB-GRADE FOR SLABS
FOUNDATION BEARING
REINFORCING STEEL
ELEVATED DECK SLAB
DRILLED PIER/SOLDIER PILE

#### THE ROBERT B. BALTER COMPANY Geotechnical Engineers



#### 18 Music Fair Road Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>SSTC+(</u> Proj. No.: 16027-0-MD	Supplier: Rockville Fuel & Feed Co.
Client: Montgomery Co.	Ticket No.: 93167 Truck No.: 78
Contractor: Facchina	Water-Cement Ratio: .35
Sample Location: Parapet wall for east	Mix Number: # 45K1D2N
elevator enclosure 330' level	Mix Design: 4500 PSI
Method of Placement <u>Concrete Bucket</u>	Time Batched: 9 25 AM
Slump: 5" inches	Batch Size: /o cu yds
Water added at site? ☐ Yes,gallons ☒No	Date Molded: 1-19-11 Time: 9:25 AM
Specimen made by: Josh M.	Date Delivered to Lab:
Concrete Temperature:62° °F	Unit Weight: PCF N/A
Air Content: 5.40 N/A	Weather: Mostly Sunny
Specimen Set No.: 522	Air Temperature: 40°F
Test Req'd: At Days;	· · · · · · · · · · · · · · · · · · ·
Remarks: Revs = 183 2 = 56 day Breaks	

ROCKVILLE FUEL AND FEED PLANT #1 & #2

19Janii Flop Gate:.. DRY 8:25AM Batch:. 1 of 1 Batch: 1 of 1

Volume: 10.00 yd3 Mix ID: \*45K1D2N Truck #:... 78 GARY SIMMONS

Ticket # 93167

FACCHINA CONSTRUCTION CO., INC.

Mix Desc: 4500 PSI W/GIR/WR/1DCI

Material		Des	4.2	Moist		Tagg	et	Actu.	a £	Fre	e H20	Status
CON_SAND		1166		5.9%	0.0%	12391		12280	Lb	731	Lla	Done
STONE		1750	Lb	Ø., 6%	0.07	17606	Lb	17660	Lb	106	Lb	Done
CEMENT	9	423	L.b	Ø. Ø%		4230	ib	4220	Lb	Ø	L.b	Done
SLAG		282	Lb	0.0%		2820	L.b	2820	Lb	(2)	L.b	Done
AEA	* 1	6.0	O.E	100.0%		3121	OZ	31	0.2	$\mathbb{Z}$	tb	Done
DCI		128.0	oz	1242.2%		1280	O.X	1312	02	85	Lb	Done
WRDA		21.0	OΖ	0.0%		210	σæ	209	0.2	12)	L.b	Done
WATER	*j	33.2	Gal	100.0%		192	Gal	190	Gal	1582	Lb	Done

Ice/Batch Ø Lb Water allowed by mix design:. 332 Total Water 300 Moisture compensation water: 110 Water allowed at jobsite: 22 Gal

ROCKVILLE FUEL & FEED COM	1st truck 450 ps: = cyl. made 7:30 1-19-11 set # 53: IPANY, INC. (1		CAUSE SKIN IRR CONTACT WHERE EXPOSED SKIN A LIGHT WATER, IF ANY, CO FAYE, RINSE IMMED WITH WATER AND ATTENTION.	Y MIXED CONCRETE MAY ITATION AVOID DIRECT POSSIBLE AND WASH IREAS PROMPTLY WITH INCRETE GETS INTO THE IATELY AND REPEATEDLY GET PROMPT MEDICAL REACH OF CHILDREN
P.O. Box 1707 Rockville, MD 208	Facchina	PLANT LOCATIONS: L Rockville, MD College Park, MD		301-762-3988 1-877-847-RMIX
	MEGHANA CONSTRUCTION		<mark>/M</mark> M <sup>©</sup> PRING TRANSIT CE	
A . INSTRUCTIONS / NO PARCY.	ROGD, BILVER SPR R/BEORGIA AVE., PAS JEST HWY) - LYCONESUTU	HS 1-495, R716th STREET. LLE RD TO JOB ON RIGHT.	P.O.# C	USE *   A   A   A   A   A   A   A   A   A
Dr. Dr. San San San Dr. Dr. Land Communication of the San	ROTATION COUNTER MUN CEIMMONS	ST BE WORKING ****	erikanian e Perikanian erikanian	SLUMP IS II
LOAD TIME (1) & CHAPM	START POUR	ADDITIONAL WATER ADDED ANY WATER ADDED IS AT WATER ADDED ON JOB AT WATER ADDED TO THIS LO	CUSTOMER'S REQUEST	GAL.
LOAD GUMULATIV YITTAAUQ YITTAAUQ		PRODUCT DESCRIPTION	UNIT OF UNIT MEASURE PRICE	AMOUNT
10.00 10.00	20.00 +45K1D2	PH ASOM PHI W/AIR/WR/I	DCI CY	
		v ndt REFLECT AOTUAL VAR	DS APRIVED ON JOB.	
STONE 17 CEMENT 5 A	66 Lb AEA *1 50 Eb DG1 23 Lb WRDA .2 Ga	I 6.0 og 128.0 d2 21.0 oz	SUB TOTAL TAX TOTAL	
	BE CB Parapet	wall for east eleva	tor enclosure 330	tevel

HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

X
CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

CUSTOMER OR AUTHORIZED SIGNATURE

# Set 533)

# ITE MUBERI B. BALTER COMPANY

# Silver Spring Transit Center Project

PROJECT NUMBER: 16	1027-0- MD
DATE: 1-19-11	
WEATHER: Mostly	Sunny TEMP: Concrete = 620
POUR LOCATION: Par	apet wall for east elevator
enclosure 330' level	
MIX DESIGN: 4,500	PSI CUBIC YARDS: 10 Cu setotal placed to
CONVEYANCE METHOD:	- Coacrete Bullot
PLACEMENT TIME: START	: 9:30 AM FINISH: 10:40 PM
DELAYS:	
ACTIONS:	
E) Al aprilianted a transfer of	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
1	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

#### THE ROBERT B. BALTER COMPANY Geotechnical Engineers



#### 18 Music Fair Road Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Emiliaria de la companio del la companio de  la companio de la com		CONTRACTOR OF THE PARTY OF THE		and a supplemental	)	emilian emilian de la companio del companio della c		XXXX CALL PROPERTY		1 / 1					
Project:	551 Ct	ر Proj. I	10: 160	27-0-	MD	Suppli	er: Ro	ckvil	le Fi	ield Feed C	21				
Client:	Mont	gomery	Co.			Ticket	No.:	9362	BIT	ruck No.: 6	5				
Contractor:	Facch	1 1	And the second second second	\				ıt Ratio:		·36					
Sample Loc	120	os Mix Number: * 45K1D2N													
1	71-	Mix De					verneike								
	3 to <b>A-10</b> a	<u> </u>													
Welliod of P	Placement C			Batched: 7:12 AM											
Į		Batch Size: 10 cu yds													
f.	Water added at site? Yes, gallons No								Date Molded: 2-2-11 Time: 8:15 Al Date Delivered to Lab:						
Specimen n		Brian F		sha We	211			d to La	b'Colombiano.		·				
§	emperature:	58°	- °F			Unit W	-	NEATHER THE PARTY NAMED IN	PC	F NIA					
Air Content	: 4.2%	NIA	i.			Weath	er:	Clou	dy		·*************************************				
Specimen S	et No.:	551				Air Tei	nperat	ure:	380	)°F	,				
Test Reg'd:	At	Days;	/ At	7 days;		At 14 [	ays;	2 A	t 28 Da	ays; <u>1</u> Reserve	ed				
Remarks:	Revolution		BayeTana s . 14				•	***************************************							
		المستوسية المستوادة	<del>/)</del>		7	Later Contract	<del></del>	<del></del>	<del></del>	and the second s	**************************************				
		***********	<del>(Annes na 180</del> 0) <del>- 180</del> 0 - 1800 - 1				· · · · · · · · · · · · · · · · · · ·				-				
			,							•					
y design	Space State of the	etiti opia opia opia e i gapa e													
ROCKVILLE F	USC AND FE	60				to a shirt as			\$ 15.1 f.	aht. 1 of					
in Ghir fil Bakub Recor	ve() -					7:12AM 2Fobli									
-Valume:10.7 Truck #:v		Mix 10: MARSHALL				Mix Desc Licket 1		90 PS) 93678	I W/A	TRZWEZIDCI					
of SMITH AFRONS	* )	Tirkiusia (ardu. n.	. Consideration	i J					O ON	00., IMG.					
W/ (C*P) Rat	ine 0.36				(	BILVER (	PRIM	e rrer	MSIT	DEBTFR - 75W					
Materia		isanan salah diri. Banan salah		far ma		Section		an a see a sa a Effection a	. 689	Status					
The second second second second second										and the same of the same of the same of					
STONE															
CONJSAND	1166 Lb	6, 8%	Ø. 说X	12511	L.b	12760	Li	851	Lio	Üver					
DEMENT	488 Lb	<b>道</b> 、周次		4230	L fo	4.31 <i>Q</i>	l, b	(1)	1. 6	Over					
		1/1.101/		8820	0.0	2790	t, to	ĘŽί	i, lo	Dene					
福麗區 多1	6.0 az	1450年,增少。		$\Xi Z$	O à	31 1888 212	0.0	d'	1 13	Done					
	128.0 oz	100.0%		1200	$C_{F}(S)$	1888	0.2	94	1	Done					
層民的自	21.00 02	3 KM - AM		# I M	0 1.	ជា Lai	£) ,±	14	1 (3)	Dense					
WATER	33.2 Sal	100.3%		194	(S &s )	171	Gal	1489	Lb	Tanual .					

FEED COMP	15 1 1 5 ain a -2-11 (set 551) ANY, INC. () F		CAUTION: FRESHLY MIXED CONCRETE MAY CAUSE SKIN IRRITATION: AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH. EXPOSED SKIN AREAS PROMPTLY WITH WATER IF ANY CONCRETE GETS INTO THE EYE, RINSE IMMEDIATELY AND REPRATEOLY, WITH WATER AND GET PROMPT MEDICAL ATTENTION.
CUSTOMER # CUSTOMER HATE	W. Temp \$00 Externale	PROJECT # PROJECT NAME	301-762-3988 1-877-847-RMIX 38 = Revs TICKET # 3/36/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/
TRUCK # DRIVER PARTY OF TRUCK # DRIVER PARTY TRUCK PARTY TRUCK # DRIVER PARTY TRUCK PARTY	R/CEDROTA AV. DAS	B 1-495. RAINTH STREET AND	SUUMP TIME DUE
LOAD TIME 7 200  ARRIVE JOB SITE  LOAD CUMULATIVE	FINISH POUR  ORDERED PRODUCT	ADDITIONAL WATER ADDED TO THIS CONCRE ANY WATER ADDED IS AT CUSTOMER'S RISK, WATER ADDED ON JOB AT CUSTOMER'S REQU WATER ADDED TO THIS LOAD BY AUTHORITY OF	JESTGAL,
Barrier Wall	QUANTITY CODE  20, 00 *45K1b21  (Palapet) 305	PRODUCT DESCRIPTION. UNIT OF MEASURE  1 4528 PSL W ALB/UR / D.C. FY  1 / eve from A-8+0 A-10  8-C6  1 OT REFLECT ACTUAL YARDAG ARRIV	cand 10.2-Alto
STONS 1750 CON SAND 1166 CEMENT 425 WATER 33.2	Lb DCI Lb WRDG	6.0 oz 128.0 oz 21.0 oz 28.16	SUB TOTAL TAX TOTAL

I HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION, I ASSUME RESPONSIBILITY FOR ANY AND TALL COMMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

CUSTOMERIOR AUTHORIZED SIGNATURE

	$\bar{\circ}$			L	
,	J	E	T	+	
1000	Ž,	Ĺ	, , ,		
	~	~	855	 	e e

## Silver Spring Transit Center Project

PROJECT NUMBER: 16	1027-0- MD
DATE: 2-2-11	
WEATHER: CLOUOY	TEMP: Concrete = 58°
POUR LOCATION: Back	ier Wall (Paranet) 305' land
From A-8 to A-10 av	10.2-AL to 10.8-C6
MIX DESIGN: 8000	PSI CUBIC YARDS: 30 Gas total placed today
CONVEYANCE METHOD:	Chute
PLACEMENT TIME: START	: 8:00 AM FINISH: 10:30 AM
DELAYS;	
ACTIONS:	
1	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
and the same of th	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road . Owings MIIIs, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: 55TC+( Proj. No.: 16027-0-M)	supplier: Rockville Frel & Feed Co.
Client: Montgomery Co.	Ticket No.: 93822 Truck No.: 74
Contractor: Facchina',	Water-Cement Ratio: .35
Sample Location: Barrier Wall (parapet)	Mix Number: *45K1)2N
@ 305 level A-7 to A-8	Mix Design: 4500 P5i
Method of Placement Concrete Pump	Time Batched: 12:09 PM
Slump: 41/2 inches	Batch Size: 0, cu yds
Water added at site? ☐ Yes,gallons ☒No	Date Molded: 2-7-11 Time: 1:15 PM
Specimen made by: Brian F. a	Date Delivered to Lab:
Concrete Temperature: <u>69</u> °F	Unit Weight: PCF N/A
Air Content: 4.9% N/A	Weather:Mostly_Cloudy
Specimen Set No.: 552	Air Temperature:
Test Req'd:AtDays;At 7 days;	At 14 Days; 2 At 28 Days; / Reserved
Remarks: Revolutions = 127, 2 = 56 day B	reaks
breakap continue a con	TO THE PROPERTY OF THE PROPERT
	And the second of the second o

ROCKVILLE FUEL AND FEED PLANT #1 & #2

7Febii 12:09PM

Flop Gates.. WET Batch: 1 of 1

Truck #:... 74

Volume: 8.00 yd3 Mix ID: \*45K1D2N RON BUSHNELL

Mix Desc: 4500 PSI W/AIR/WR/1DCI

Ticket # 93827

FACCHINA CONSTRUCTION CO., INC.

WZ (C+P)	. ,		.35				8	ILVER	SPRIF	VG TRA	NSIT (	ENTER-750
Materia	1	Des	ign	Moist		Targ	et	Actu	al	巨石區	e HEO	Status
CON_SAN STONE	1)	1166 1750	ilo	6. 2% 1. 0%	0.0% 0.0%	9945 14141	L.b	10020 14280	Lb	617		Done Done
CEMENT SLAG AEA DCI WRDA	*1	423 282 6.0 128.0 21.0	Lb oz oz	0.0% 0.0% 100.0% 100.0% 0.0%		3384 2256 24 1024 168	Lb oz oz	3390 2290 25 1056 167	Lb db oz oz oz	(2)	_ b _ b _ b _ b	Done Over Done Done Done
WATER	*1	33.2		100.0%		143	Gal	14倍	Ga1	1182	Lb	Done

Ice/Batch Ø Lb Water allowed by mix design: 265 Total Water 241 Moisture compensation water: 100 Water allowed at jobsite: 24 Gal

FUEL & FEED COI		C. READ	Y MIXED CONCR	ETELOU TISMA	CAUSE SKIN II CONTACT WHE EXPOSED SKIN WATER IF ANY EYE, RINSE IMM WITH WATER A ATTENTION	HLY MIXED CONCRETE MAY BRITATION, AVOID DIRECT RE POSSIBLE AND WASH AREAS PROMPTLY WITH CONCRETE GETS INTO THE DIATELY AND REPEATEDLY ND GET PROMPT MEDICAL
Rockville, MD 20	0849-1707 EE DUYLMANG	$\overline{n}$ $c$	Rockville, MD ollege Park, MD Columbia, MD	== 200mps Are = 4	4 <u>5"</u> 197 	301-762-3988 1-877-847-RMIX
DEBVERY ADDRESS	NAME THE SHEVIAL CONSTRI	oragia co.	PROJECT# F		1945 TNG TRANSIT C	
INSTRUCTIONS INSTRUCTIONS INSTRUCTIONS	ROAD, SILVER S	PR	AS BANCH CITA			CUSTOMER JOB NUMBER.
PLANT TRUCK# DRIVER	1 ROTATION COURT	The second of th	IO 200 ON RIG IORKING ****	ORDER(#)		SLUMP
LOADTIME: 12:09PK	FRUSHNELL START POUR			ADDED TO THIS	ONCRETE WILL REDUC	TIME DUE 13:02
AMRIVE JOB SITE	FINISH/POUR		WATER ADDED TO THE	OB AT CUSTOME	RIS REQUEST	GAL.
LOAD CUMULATION OUANTITY  BERY BERY BEY	Y QUANTITY	PRODUCT CODE 45K4 D2N F	PRODUCT DESCRI	Mr.	NT OF UNIT ASURE PRICE	TAUOMA
			00 931 WAIRW	MIN / 111F I	CV	
Note: compart	© DIONTITY UNITED	7				granden en e
and allow one to be allowed	(66°Lb AEA	7 N 1	ne de la companya de		SUB TOTAL	
CEMENT / WOTER *1 3	750 Eb DCI 423 Lb WRDA 342 <b>G</b> a	168.8 \1.28 \	02 /1 \eve\	. from	9-7-10 (PIAL)	<u>3</u>
THEREBY AUTHORIZED THE TE	750 Lb DC1 423 Lb HRDA 3 2 Ga 282 Lb BOCCIEC WAW	Parapetla MATERIAL TO THIS JOE	365 IT	DBIVE ONTO BOW	ATE/PRODECTY A CUISION	
TRUCK (THESE TRUCKS) FROM	SPONSIBILITY FOR ANY AND . TRESPASSED ON FOLLOWIN MANY LIABILITY RESULTING FF	ALL DAMAGE THAT MA G MY DIRECTIONS: 1 F ROM THIS AUTHORIZAT	Y BE DONE TO SAID PRIV URTHER INDEMNIFY ROCH ION.	ATE PROPERTY AN (VILLE FUEL & FEE	D TO ANY OTHER PROPE D COMPANY, INC. AND TI	GRIVMAKING THIS ERTY ADJACENT TO HE DRIVER OF THIS
CUSTOMER ACKNOWLE	DGES AND UNDERSTAN	IDS ALL OF TERM	S AND CONDITIONS	CONTIAINED ON	BOTH SIDES OF TH	IIS DOCUMENT.

CUSTOMER OR AUTHORIZED SIGNATURE

# (Ect # 552)

### ITE MUDERI B. BALTER COMPANY

## Silver Spring Transit Center Project

PROJECT NUMBER: 1603	<u>17-0-</u> MD
DATE: 2-7-11	The state of the s
WEATHER:	TEMP: Concrete = 680
POUR LOCATION: Bacci	er Wall (Parapet) @ 305'/evel
trom A-7 to A-9	- /
MIX DESIGN: ** 4,500 PSi PS	CUBIC YARDS: 8 Gus = total placed +
CONVEYANCE METHOD:	Chyte Chyte
PLACEMENT TIME: START:	1:15 PM FINISH: 2:00 PM
DELAYS:	
ACTIONS:	
E2 A1 Transport of the transport	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
And the second s	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



#### 16 Music Fair Road . Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: Client:		Ctr. Proj. ontgomer			•	Rockville F	veld Feed Co Fruck No.: 22
ţ.	· · · · · ·	china	COURTS (. 1. p.		ent Ratio:	1	
		Bacrier /	1	1		hery area **,	
		A-5 to		JWall		r: * * 4.6	~
31 .				1.1.	Mix Design	**************************************	on psi
		Concre	te Bu	Ket		ed: 9:23	
Slump:	CONTRACTOR SOCIOLOGICA SOCIO				Batch Size:		cu yds
		Yes, 12		ons []No	Date Molde	d: 2-10-10 T	fime: 10:10 <sup>47</sup>
		Brian		*** THE COURTS SECURE AND ADDRESS OF THE PROPERTY OF THE PROPE	Date Delive	red to Lab:	
Concrete To	emperatu	re: <u>590</u>	°F		Unit Weigh	e:PC	F X N/A
Air Content	: 4	9% DN/	A		Weather:	Clear	
Specimen S	Set No.:	567		,		ature: 25	0 °F
£2		t Days	l At	7 davs:			ays; / Reserved
Remarks:	Revolu	tions = 16	1 2	= 56 day	Reaks	,	
*COL	-	wind and the state of the	<del>( )                                   </del>	- 24 007	DIF MIN		
			*				
			•				•
ROCKVILLE F		) FEED			10Feb11 9:23AM		p Gate: WET chs. 1 of 1
Volumesi@.Z Truck #:				ien.	Míx Desc: 4 Ticket #	94027	
₩/(C+P) Rat	io: Ø.	36		A See John and Some South Hart Just Company	FACCHINA CO SILVER SPRI		
Material	Desi	gn Moist	· · · · · · · · · · · · · · · · · · ·	Target	Actual	Free H2O	Status
CON_SAND	1166	Lb 6.7%		12497 LE	12400 Lb	837 Lb	Done
STONE	1.750	Lib 1.0%	Ø., Ø%	17677 LE	17780 Lb	177 Lb	Done
				:			
CEMENT	483	Lb 0.8%		) 4230 l.t	4230 Lb	ØLb	Done
SLAG	202	Lb Ø.0%		2820 LE			Done
	6.0			30 02			Done
DCI	188.2			1280 oz			Done
WRDA	21,0	0Z Ø. Ø%		210 oz	212 02	Ø L.b	Done
WATER *1	33.2	Gal 100.0%		170 Ga	1 169 Gal	1407 Lb	Done
Ice/Batch	Ø Lb	Water allo	wed by	mix desi	gn:. 332 Water allow	Total Wate	er 301 e: 31 Gal

Bar 305 Je	1707	READY  M Si PLAN  H) Wall Col  MX A-5 to A	MIXED CONCE T LOCATION ockville, MD lege Park, MD olumbia, MD	Kevs RETELINO	made = 41/10 = 5	CAUSE SKIN IRRIT CONTACT WHERE EXPOSED SKIN AI WATER IF ANY COLEYE RINSEIMMEDI. WITH WATER AND ATTENTION.  KEEP OUT OF R	301-762-3988 1-877-847-RMIX
DELLYSRY ADDIESS OF LUE 1911	AD. SILVER SPA	MAP	LOT/BLOC	OK P.C	);#	Cu	STOMER JOB:NUMBER
NOTIONS TO DESERTE	TGEORGIA AVI.	PASS 1-491	i, Azioth ST	REET,		1	USE SUFFICE
es and the same days that	ANTOON COUNTER	Cristian Color	U grup, un cita	All Comments		<b>S</b>	SLUMB
PLANT TRUCK # DRIVER	FLUT:		e de la companya de l	ORDER#	107		TIME DUE
LOAD TIME STATE AND ARRIVE JOB SITE	START POUR FINISH POUR		ADDITIONAL WATE ANY WATER ADDE WATER ADDED ON WATER ADDED TO	D IS AT CUSTO! JOB AT CUSTO	MER'S RISK MER'S REQ	UEST	TTS STRENGTH.
LOAD CUMULATIVE QUANTITY	ORDERED PF QUANTITY	IODUCT CODE	PHODUCT DESCR	RIPTION	UNIT OF MEASURE	UNIT PRICE	AMOUNT
	10.70 ×45	Kiden 450	MANA IBG WORK	WB/IDCI	CV V S	<b>13</b> 4)	
NOTE: CIMILATIVE	DANTITY WALLES	May of Life	FLOOR ACTUAL	YAKDE H	N 1 1/6 D	ON 308	
CON BYND 1186 STOWE 179W LEMENT 463 UPIER 41 23.2 ELAS 202	Lb DCI Lb WRDA 5a	41 f. () 128.0 21.0				SUB TOTAL TAX TOTAL	
HEREBY AUTHORIZED THE TRUCK AUTHORIZATION I ASSUME RESPON							

HEREBY, AUTHORIZED THE TRUCKS (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS II DIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSED ON ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. IF FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

X (3 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |

CUSTOMER OR AUTHORIZED SIGNATURE

RECEIVED BY: X

# (H 567)

## ITE MUBERI B. BALTER COMPANY

## Silver Spring Transit Center Project

PROJECT NUMBER:/	6027-0- MD
DATE: 2-10-11	VI 3nd
WEATHER: Clear	Air = 25° TEMP: Concrete = 590
POUR LOCATION: Ba	crier (parapet) wall 305'/evel
From A-5 to A-7	(Topic) wall 303 Tevel
	PSI CUBIC YARDS: 10 Gus = total placed today
CONVEYANCE METHOD:	Concrete Bucket
PLACEMENT TIME: STAR	T: 10:15 AM FINISH: 11:10 AM
DELAYS:	
ACTIONS:	
	_
1	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS .
	FOUNDATION BEARING
man and the second seco	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road . Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Sampl  10.8  Wethod Slump  Water of Specim Concre Air Cor Specim Test Re	Montonictor: Factorictor: Factorictor: Factorictor: Control Co	omery Inina Columns 12 eler Concy inches Drian 58 [% [] A 568 Days	Co.  C9. @  Pation 33  ete Pun  gallo  F. & Jo  "F	10.8, Co o'to 350 19 ns XINO blun Wo	Ticket No.  Water-Cen  Wix Number  Wix Design  Time Batch  Batch Size  Date Wolde  Unit Weigh  Weather:  Air Temper	94095 nent Ratio: er: 8K n: 8000 ned: 8:3 : 7 ed: 2-11-11 ered to Lab: t: Clear rature: 3:	DC2NL  PSI 2 AM  cu yds  Time: 9:36'  PCF XINA	9,
(本年)。 (年2年1) (4)	ofice engine Visit	ET T			444 2667 723 Mete		an Carrier (A.C.)	
i i sema di se Sema di sema d Sema di sema di	AN YAN PR	modelija. Saladi D	\$435.65.634 054.77		Marcheneria Marchael Marchael Marchael	ing sa da Basa ay kanan sa sa		
Halos rote	\$10.5 × <b>211</b> .	tiocon		14.4 ( <u>\$</u> .4	(A) 3 1		et al.	
conjula osli edeleja	1200 A COS	5. 但3. 1. 3. 3.		463 3 (4) (8) 17 (5)	2.0年晚日 15 2.200年 - 15	e europa er	45.95 - 352	
		To the second se				- A - A - A - A - A - A - A - A - A - A	Section 1997 (1997) Sectio	
. Virtual	in de la companya di salah	eros Villa III.			rg en		. ).	

JEUE	KVILLE	ck 8000 Facchi 2-11-11 PANY, I	NC. RE	Revs:	temp ovtside Time	=32° =9:30A	CAUSE SKIN IRR CONTACT WHERE EXPOSED SKIN A WATER IF ANY CO YE, RINSE IMMED WITH WATER AND ATTENTION:	V MIXED CONCRETE MAY TATION AVOID DIRECT POSSIBLE AND WASH REAS PROMPTLY WITH INCRETE GETS INTO THE ATELY AND REPEATEDLY GET PROMPT MEDICAL REACH OF CHILDREN
P.O. Bo Rockvi	lle, MD 20849	9-1707 \} = <u>cyl. m</u> i		PLANT LOCATION Rockville, MD, College Park, ME Columbia, MD	GOV. Perp	o 8,011 <b>5.8</b> ° 6. 1%		301-762-3988 1-877-847-RMIX
INSTRUCTIONS	PESSOULLE RI LEBUTLLE RI VADERECK, I VALENST-NE	200, SILVE R/GECRGIA SI HWY	P SPR AVE. PASS 700ESVILLE	MAP LOT/BLC  1-95; K/16th ST -RD TO TOB ON RI BE SUPPLING ***	PEET; GML	ET LINES	RANGET C	USE CLICTIONS A
	CK# DRIVER		DUR	ADDITIONAL WATE AND WATER ADDED OF	ORDER # ER ADDED TO THE	Mer's risk.		TIME DUE OF STATE OF
LOAD QUANTITY	Q/LO CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT CODE	PRODUCT DESC		UNIT OF	UNIT.	AMOUNT
7.00	7, 90	14.00	*BRIDEANI	8000°PST #5	A (D	MEASURE	POPE AND SE	Å
NOTE: C  GON SA STONES CEMENT WALER	ND 1000 1850 550 *1 32.0	) Lb AE Lb WR Lb BU Ga DC	9 *1 DA 4 3ER 5	TREFLECT ACTUA  7.2 oz 1.0 ez 14.6 e			SUB TOTAL TAX TOTAL	60
GLAD	350	Lb Colum	ms c9@1	0.8, 66@ 10.8	d C6@	2 elev	ation 330	<u>to 35</u> 0'

HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS, I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

CUSTOMER OR AUTHORIZED SIGNATURE

June 11 11 WALLEY CONHANY



## Silver Spring Transit Center Project

PROJECT NUMBER:	6027-0- MD
DATE: 2-11-11	The state of the s
WEATHER: ClearCo	Id Am) TEMP: Concrete = 58°
POUR LOCATION: Col	umns c9 @ 10.8, C6@10.8
and C6@12 ele	evation 330' to 350'
	PSI CUBIC YARDS: Cus total placed to
CONVEYANCE METHOD:	Crane & Concrete Bucket
PLACEMENT TIME: START	T: 9:40 AM FINISH: 11:30 AM
DELAYS:	
ACTIONS:	
K" A Y WEST TOO IN	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
And approximate the process of the contract of	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road . Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: 55TC+C Proj. No.: 16027-0-MD	Supplior: Rockville Fuel & Feed Co
Client: Mantgomery Co.	Ticket No.: 47977 Truck No.: 67
Contractor: Facehina	Water-Cement Ratio: .36
Sample Location: Baccier wall (paraget)	Mix Number: X 45K1D2N
from A-3 to A-5 305' level elevation	Mix Design: 4500 PSi
Method of Placement Concrete Pump	Time Batched: 9:13 AM
Slump: inches	Batch Size: 9 cu yds
Water added at site? Yes,gallons Xino	Date Molded: 1-15-11 Time: 10:00 A)
Specimen made by: Brian F. a	Date Delivered to Lab:
Concrete Temperature:62°F	Unit Weight: PCF X N/A
Air Content: 6.9 % N/A	Weather: <u>clear</u>
Specimen Set No.: 569	Air Temperature: *F
Test Req'd: At Days; At 7 days;	At 14 Days; 2 At 28 Days; / Reserved
Remarks: Revolutions = 170, 2 = 56 day t	Breaks
	те при

ROCKVILLE FUEL AND FEED PLANT #4 (BRANCHVILLE)

1Shoult Stilaam

Volumes 9.00 yes Truck #s... 67

Mix ID: #45K168M TOMMIC TOMEINSO

MIX Descrissed PSI W/BLR/WR/:DC( Ticket # 479774 FADCHINA COMSTRUCTION CO., INC. SILVER SPRING TRANSIT CENTER-/NA

W/(C+P) Ratio: 0.36

Materia			.gr	Moist		Carry	CP Ť	Actu	ää J.	記む金	8 (48°t)	Status
CON_SAME		1466 1758	ilo	4. 0% 0. 9%	0. 24 9. 2%	10938 15894	l 13	03601 08651	Lb	438 143	Lij	Done Over
CEWENT SLOB AEA DOI WRDA	₩	423 282 6.9 128-8 21.8	Lb ox ox	8. 67 9. 28 9. 28 9. 38		8888 8838 88 8811 8811	0 % 0 % 0 D	3818 2532 26 1132 192	Lb ox ox	lii G	LA LA LB LB	Done Done Done Jone Jone
WATER	* j			100.0%		Swa	Gal	203	Gal	1691	l. b	Done

Ice/Batch Ø Lb Water allowed by mix designs. 298 Total Water 273 Moisture compensation waters. 70 Water allowed at jobsites 28 Gal

Rockville 2-15-	\ <sub>[-7</sub> \/5 <sup>1</sup>	CAUSE SKIN IF CONTACT WHE  TIME = 10:40 WATER IF ANY	HLY MIXED CONCRETE MAY IRITATION, AVOID DIFECT RE POSSIBLE AND WASH AREAS PROMPTLY WITH CONCRETE GETS INTO THE
P.O. Box 1707 Rockville, MD 20849-1707  DATE 15-F85-11 CUSTOMER // ICUSTOMER INAME	PLANT LOCATIONS Rockville, MD College Park, MD Collumbia, MD	TE WITH WATER ALL ALTERNION.  WEEPOUT OF	301-762-3988 1-877-847-RMIX
7572 FACCHINA CONS DELIVERY ADDRESS  8404 COLESVILLE ROAD, SILVE INSTRUCTIONS  RVL - E/NORDECK, R/GEORGIA L/RT.410 (EAST-WEST HWY), L ****** DRUM ROTATION CO	R SPR  AVE., PASS 1-495, RV16th STRE  ACCLESVILLE RD TO JOB ON RIGH UNTER MUST BE WORKING ****	ET,	USE WALL SLUMP
PLANT TRUCK DRIVER  4 57 TOMMTE TOMILINGO  EOAD TIME  9:13AM  ARRIVE JOBISITE  LOAD CUMULATIVE ORDERED QUANTITY QUANTITY  QUANTITY  ONLY ORDERED QUANTITY  QUANTITY	DUR ADDITIONAL WATER ANY WATER ADDED IN WATER ADDED ON JO	ADDED TO THIS CONCRETE WILL REDUCES AT: CUSTOMER'S RISK.  OB AT: CUSTOMER'S REQUEST.  IS LOAD BY AUTHORITY OF X  TION UNIT OF UNIT MEASURE PRICE	TIME DUE  10:17  CE ITS STRENGTH,  GAL.  AMOUNT
9.00 9.00 9.00 NOTE: CUMULATIVE QUANTIT	#45K1DEN 4500 PBI WATRYW  Barrier Wall (Paras  305 VALUES MAY NOT REFLECT ACTUAL	r/10c1 cy (et) A-3 to A-5 (level	
CON SAND 1166 LB ASE STONE 1750 LB DC CEMENT 423 LB WRI WATER #1 33.2 GB SLAG 282 LB	i 126.0 az 3A 21.0 az	SÜB TOTAL TAX TOTAL	
SAID PROPERTY THAT MAY BE TRESPASSED ON FOL TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULT	IVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND Y AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVILOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCK TING FROM THIS AUTHORIZATION.  X  STANDS ALL OF TERMS AND CONDITIONS	ATE PROPERTY AND TO ANY OTHER PROI CVILLE FUEL & FEED COMPANY, INC. AND	PERTY ADJACENT TO THE DRIVER OF THIS

RECEIVED BY: X

### THE MUBERT B. BALTER COMPANY



## Silver Spring Transit Center Project

PROJECT NUMBER: 16	027-0- MD
DATE: 2-15-11	
WEATHER: Clear	$Air = 36^{\circ}$ TEMP: Concrete = 62°
	ier wall (parapet) from A-3 to
A-5 @ 305' level	elevation
	PSI CUBIC YARDS: 9 Cus = total placed took
CONVEYANCE METHOD:	Chute Total praced 1001
PLACEMENT TIME: START	: 10:10 Am FINISH: 12:15 PM
DELAYS:	
ACTIONS:	
4	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
Manager and a supply failure for highways a relative or manager and any or a state.	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road . Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Client: Contractor: Sample Loca 10.1 + o 12 Method of Pl Slump: Water added Specimen ma Concrete Ter Air Content: Specimen Se Test Req'd:	Mov Facc ation: U 1.5, even acement 6/12 at site? ade by: nperature: 4. at No.: At	Jall on Lion leve Concret inches Yes, Brian I	Line Fel 330' Te Pum  gallo  F	T days;	wall	Water-I Mix Nu Mix Nu Mix Der Time B Batch S Date M Date Der Unit We Weathe Air Ten At 14 D	No.:	942 It Ratio # 60 2-15 d to La Cle	48 15000 7 7 3-11 b: PC 40°	Fime:	<del> </del>
			esta Marin a metapat apitroptani	Mehrer e fysical de renegal en elgenes agente.	ob America a se escribigado de America de Carlos d	Colored (12 met verlenden beschiede Artika)	kinerriiside kines jälikiste variteenin s	pinipiniping kanada kanangahi nagga ya m			
FOCKVILLE FI FLANT #3 Ratch Recors		1 / / A	and Charles and purchased			o 27 1 6374 17 64 10 3 3	dan digin dan giligi kembana si	ing dan mengahangga anti-	Bes 8	estant.	t of t
PLANT #3 Batch Record Polume: 5,05 Indok #: U/(C#6) Rati	i; 9 yd3 60 .ax - 0.31	Mix ID: REVIN BI	entri (ili)		Mu Ti FF S1	Febij x Desc cket # CCMINA LVER S	: COMS PRINE	MEAB STRUCT STRUCT	S BZA CIOM PSIT	inser Co., T Canter	7/11X VC) 75W
PLANT #3 Batch Record Polume: 5.05 Iruck #: U/(CFP) Rati	i; SydZ 63 63 62 0.3	Mix ID: BEVIN BI	(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)	Tarres	MI MI TI FO Sl	Febil  x Desc cket # CCMING LVER S	COMS PRINE	MEAO TRUCT TRAP Tree	6 976 FION FST - BCC	HOHRNI CO., H CENTER- Stati	7/10K VC) 7/5W
PLANT #3 Batch Record Polume: w.Wf Iruck #s UK(CAP) Rati	i; 63 63 0; 4; 3; 0; 2; 3;	Min ID: MEVIN BI : Moivt : 0.7%	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Targe (5861-1	MO Ti FO S1	Febil  x Desc cket # CCMING LVER S  Actue 15060	COMS PRINE	ME40 TRUCT Free	) 976 (10M (911 (-1830 Lb	TREBRMI CO., TI CENTER Stati	7/10% VC. 7/5W

DATE	0x 1707 2-)5 lie, MD 20849-17	707	PLANT LOC Rockvilli College Pa	MD - Lur	106.51'	1	301-762-398 877-847-RMI
CUSTOMER#	CUSTOMER NAME	<u>MAOE</u> ENG CONSTRUCT	Columbi	a, MD IMPEN			746 (E)
DELIVERY ADD			LMAP	LOT/BLOCK	FO.#		TOMER JOB NUMBER
INSTRUCTIONS (7.1)	E/NORBECK, P/	GEORGIA AVE.	PASS I-435, N.	ist sikesi.			USE MALL
	erek ukun Mu	HWY LYEULE ATTON COUNTER	SVICLE AD TO 16 MUST BE WORKIN	A ON PIGHT.			SLUMP (a = £) '
	DRIVER			ORDER#	13		TIME DUE 1.E : 1/7
LOAD TIME	A SCITATION SON	START POUR	ANY WA	NAL WATER ADDED TO TEH ADDED IS AT CUS	TOMER'S RISK		and the second
LOAD	1637	FINISH POUR	WATER	ADDED ON JOB AT CUS			——GAL.
QUANTITY		DERED PRODU ANTITY COD		T DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	AMOUNT
9,80	9.66	18.04 7811	DERNI Gang abi	S WATE/HEWE	io cy		
25 9 9 6 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6							
	# 19 January 18 Committee (19 January 19 Jan	nodsky vallesi	Y DT REFLEC	ACTUAL YARDI			
			のはない方 とうかんがたい Setain だしかにおかれた。これできましょう				
STONE CON SI	1736 1736 110	P <b>i</b>	71 - 4 oz 38.0 oz 24.0 oz		SUI	B TOTAL TAX TOTAL	

CUSTOMER OR AUTHORIZED SIGNATURE

## HE RUDERI B. BALTER COMPANY



## Silver Spring Transit Center Project

PROJECT NUMBER:	6027-0- MD
DATE: 2-15-11	
WEATHER: Clear	TEMP: Concrete = 620
POUR LOCATION: Wall	on line "E" from 10.1 to 12.5
devation 330' level	1/2 of wall)
	PSI CUBIC YARDS: 18 Cus total placed today
CONVEYANCE METHOD:	Crane & Concrete Bucket
PLACEMENT TIME: START	T: 12:20 PM FINISH: 1:30 PM
DELAYS:	
ACTIONS:	
TOTAL ALL Y MONEY COLORS	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
,	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
The same of the sa	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

55TC+C Proj. No.: 16027-0-MD



#### 18 Music Fair Road Owings Mills, Maryland 21117

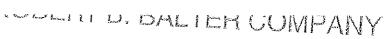
#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Client: Contractor: Sample Local Co C Method of Pla Slump: Water added a Specimen ma Concrete Ten Air Content: Specimen Set Test Req'd:	Mantage Faction: Co.8 el acement Tat site? [ de by: perature: 4.8 : No.: At	columns evation Concre inches Yes, Brian 22° % □ N	CO.  CO.  330' to 3  te Pum  gallon  F. &  A  At 7	12 A 350 Tev P ns Muo	Ticket No.: Water-Cemel Wix Number: Wix Design: Time Batche Batch Size: Date Molded: Date Delivere Unit Weight: Weather: Air Temperat At 14 Days;	94257 Tot Ratio:  8KIDo 8000 d: 12:43 10 2-15-11 Tot Clear Clear Ture: 40	PM cu yds ime: /:35  F × N/A	PY
POCKVILLE FUE (LIN) hu Paveb Record:		E.E. 3.)			15 1 2 2 2 2 4 4 4 1 5 4 4 5 4 5	Metc	Harrist on S	
Value and the Control of the Control	77	Mis (F); 30AHA MMI	en en en VIM		Mix beset now To ket a FACCHIMA CHM SILVEN SWRING	MEDON PERDEN DON C	ú., tak.	
Heterial	Design	Molad		Lorgei	fortus:	Parks (ED)	Signature .	
	1850 to 1000 lo	1. 6% 6. 3%	例,初火 划、功火	7393 Lt. 7336 Lt.		93 Lb 336 Lb	Bone Pone	
WEDA SUPCE DOT ()	550 1.6 300 1.6 7.2 00 41.0 02 54.0 02 88.0 02	2.64 3.05 198.25 188.65 188.65 188.65		2750 L; 1800 LL 18 oz 205 oz 573 oz 640 or	1790 Lb 19 ex 307 ec 377 ec 698 ex	8 Li 9 Lb 1 Lb 13 Lb 18 Lb 42 Lb 200 Lb	Over Done Done Done Done Done Done Done	

ice:Batch & Lb Water allowed by wir designs. 520 Total Wels: Moisture compansation waters. 120 Water allowed at jobsite: 30 tal

183 RES

	2-15-11 DMPANY, INC.	BEADY MIXED CONCRETE A + LL 69 ATTE	ION: FRESHLY MIXED CONCRETE MAY SE SKIN IRRITATION, AVOID DIRECT FACT WHERE POSSIBLE AND WASH SEO SKIN AREAS PROMPTLY WITH FR. IF ANY CONCRETE GETS INTO THE FINSE IMMEDIATELY AND REPEATEDLY WATER AND GET PROMPT MEDICAL NITION.
DATE  \$\frac{1}{10} = f = 0 = 3 \frac{1}{10}  CUSTOMER # CUSTOM	20849-1707 Reus = 19 6=cyl.made	PLANT LOCATIONS: Samp 7.0"  Rockville, MD  College Park, MD  Columbia, MD CON. Famp 7.2"  IPROJECT & IPROJECT NAME  ON FEM	301-762-3988 1-877-847-RMIX
PEANT TRUCK DRIV	GT WEST HWY), EVENEE BRUM ROTATION COUNTER	PASS 1 491., RAIGHD STREET  VILLE RO TO 108 PM RIGHT  MOST BE WORKING ####  ADDITIONAL WATER ADDED TO THIS CONCRETE WITH ANY WATER ADDED IS AT CUSTOMER'S REQUEST WATER ADDED TO THIS LOAD BY AUTHORITY OF X	——GÂL
QUANTITY QUAN	9: 00 10: 00 ER113	PRODUCT DESCRIPTION UNIT OF MEASURE	UNIT AMOUNT
STONES CON SAND CEMENT WATER WATER WATER AUTHORIZED TH AUTHORIZATION FASSUME SAID PROPERTY THAT MA TRUCK (THESE TRUCKS) F	1850 Lb AEA 1000 Lb HRDA 550 Lb SUPER 32.0 Ga SLAG  Colving Co ETRUCK (OR TRUCKS) DELIVERY MATERI RESPONSIBILITY FOR ANY AND ALC DA WAY LIABILITY RESULTING FROM TH	SUB  41.0 nz  54.6 nz  60.15  612.8 C6.6 10.8 e v. 330 to 3  ALTO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AND TO ANY OT MAGE THAT MAY BE DONE TO SAILO PRIVATE PROPERTY AND TO ANY OT MAGE THAT MAY BE DONE TO SAILO PRIVATE PROPERTY AND TO ANY OT MAGE THAT MAY BE DONE TO SAILO PRIVATE PROPERTY AND TO ANY OT MARKET PROPERTY PROPERTY AND TO ANY OT MARKET PROPERTY PROPERTY PROPERTY PROPERTY AND TO ANY OT MARKET PROPERTY P	TOTAL TAX TOTAL  SO'LEVE  YAS I DIRECT: IN MAKING THIS HER! PROPERTY ADJACENT TO INC. AND THE DRIVER OF THIS





## Silver Spring Transit Center Project

PROJECT NUMBER:/	6027-0- MD
DATE: 2-15-11	
	TEMP: Concrete = 72°
POUR LOCATION: Col	umns c6@12 & C6@10.8
elevation 330' to 3	250' Jevel
	PSI CUBIC YARDS: 10 Gus total placed today
CONVEYANCE METHOD:	Crane & Concrete Bucket
PLACEMENT TIME: STAR	T: 1:35 PM FINISH: 2:30 PM
DELAYS:	1111011. 3.30 1.10
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE
	·

Moisture compensation water: 105



#### 18 Music Fair Road . Owings Mills, Maryland 21117

Water allowed at jobsite: 24 Gal

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: SST C Client: Mov Contractor: Facc Sample Location: Pa AL @ 10.2 to P Method of Placement Slump: L Water added at site? Specimen made by: Concrete Temperature: Air Content: L, 5	Mix Design: 4500 ps/ Time Batched: //:23 Am  Batch Size: 8 cu yds  Date Molded: 2-17-11 Time: 12:2  Date Delivered to Lab:  Unit Weight: PCF X N/A  Weather: Clear				
Specimen Set No.: 5  Test Req'd: At  Remarks: Revoluti	Days;A	i 7 days; = 56 day Br	At 14 Days;	uture: <u>64</u> <u>J</u> At 28 D	ays; <u> </u>
ROCKVILLE FUEL AND F			7Febil 1:23AM		p Gate: DRY
Volume: 8.00 yd3	CLIFFORD JETER	PEN MEST	lix Descr. 45	00 PS1 W/A 94366 STRUCTION (	IR/WR/IDCI
Material Design	Moist		Actual		The state of the s
CON_SAND 1166 Lb STONE 1750 Lb	7.1% 0.0% 0.6% 0.0%		10060 Lb 14080 Lb	713 Lb 85 Lb	Done Done
CEMENT 8 423 Lb SLA6 282 Lb AEA *1 6.0 oz DCI 128.0 oz WRDA 21.0 oz	0 <u>, 21%</u> 1777 - 22%	3384 Lb 2256 Lb 24 oz 1024 oz 168 oz	3380 Lb 2280 Lb 25 oz 1056 oz 167 oz	Ø Lb Ø Lb & Lb 69 Lb Ø Lb	Done Done Done Done Done
WATER *1 33.2 6a1		138 Gal	137. Gal	1141 Lb	Done
Ice/Batch @ Lb Wa					264

#### 1striuck 4500pg. CAUSE SKIN IRRITATION AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER IF ANY CONCRETE GETS INTO THE FUEL & Facchina YE, RINSE IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL FEED COMPANY, INC. ATTENTION. READY MIXED CONCRETE KEEP OUT OF REACH OF CHILDREN P.O. Box 1707 2 17-11 PLANT LOCATIONS: 301-762-3988 Rockville, MD 20849-1707 Rockville, MD 1-877-847-RMIX 6 LYL MADE College Park, MD DATE Columbia, MD 17-Feb-11 74366 CUSTOMER # CUSTOMER NAME PROJECT # PROJECT NAME 7370 FACCHINA CONSTRUCTION CO., INC SPLAER SPRING TRANSIT CENTER 75% DELIVERY/ADDRESS MAP CUSTOMER JOB NUMBER 8400 LOLESVILLE MURD, SILVER SPR INSTRUCTIONS TWO - E/NURBECK BYBEDRGIA DUE: DARS 7-495, -8/16th STREET WALL E/RT. ALW (EAST-WEST HWY), L/COLESVILLE RD TO JOB ON RIGHT SLUMP DAUM RUTATION COUNTER MUST BE WORKING PLANT TRUCK # DRIVER TIME DUE SLIFFORD JETER 12.07 LOAD TIME START POUR ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH. 117257 ANY WATER ADDED IS AT CUSTOMER'S RISK. WATER ADDED ON JOB AT CUSTOMER'S REQUEST. ARRIVE JOB SITE FINISH POUR WATER ADDED TO THIS LOAD BY AUTHORITY OF X LOAD QUANTITY CUMULATIVE QUANTITY ORDERED PRODUCT UNIT PRICE UNIT OF PRODUCT DESCRIPTION AMOUNT QUANTITY CODE MEASURE 8.0 8.00 4500 PGI WAIR/WR/IDCI 8.00 #A5K1D N CY OTE: CIMULATIVE DUNTITY WALUES MAY NOT REFLECT ACTUAL YARDS OFRIVED ON JOB. CON SAND 1166 Lb AEA SUB TOTAL 5.0 02 SOME 1750 Lb DEI 128,0 oz TAX CEPENT TOTAL 423 Nb WRDA MATER 33.2 Ga SLAG 282 Lb THEREBY AUTION OF TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION L'ASSUME RESPONSIBILITY, FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIEY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY/LIABILITY RESULTING FROM THIS AUTHORIZATION.

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

OUSTOMER OR AUTHORIZED SIGNATURE

RECEIVED BY: X

### " IL RUDERI B. BALTER COMPANY



## Silver Spring Transit Center Project

PROJECT NUMBER: 16	,027-0- MD
DATE: 2-17-11	
WEATHER: Clear	TEMP: Concrete = 78°
POUR LOCATION: Para	pet (knee wall) elevation 330'
level from Ale	10.2 to B-11
	PSI CUBIC YARDS: 8 GAS total placed today
CONVEYANCE METHOD:	Concrete Bucket a Forklift
PLACEMENT TIME: START	: 12:30 FINISH: 1:30 PM
DELAYS:	
ACTIONS:	•
Eng. N. J. morranda rusa.	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



#### 18 Wusic Fair Road . Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

1-	C,	opper release	DEALET TO HEAD	: 14 (2), 11 E.U		a IC Call IIA	icr de	# E FA	Newscare and State of	202777101
Client: Contractor: Sample Loc 11.5 +o Wethod of F Slump: Water adde Specimen n Concrete To Air Content Specimen S Test Reg'd:	Facel pation: NE 12.5 line Placement in the district of the di	tgomery nina Linall f. 330' ele Concret nches Yes, Brian 1 630 Vo   NVI 590 Days;	tg. From vation (a) e Pump gallons S. & Jahr A A 67 de	Mino Whoox.)	Ticker Water Water Wix N Nix D Time Batch Date I Unit V Weath Air Te	: No.: -Cemen umber: esign: Satchec Size: Molded: Delivere Veight: ier:	94555 t Ratio:  # 81  4,0  1:  2-21 d to Lab	7 2512 N 2512 N 20 PSI 1:16 AV 7 11 Tim E PCF Cast 450	required/6 m cu yd e: 12:	59 600=0
POSTO PROPERTY PROBET BY POSTOBERS PROPERTY		Ef P			richoph Mhebli			(Kathirla	t des	***
Princer 1 W Endoch Mr Willey Dy Ryi	59 101 - 9038	CE SEPONE	CONTROL R	; } ;	Freket Meerin Historia	i S A Querra Benziera	MOSS FREET. FEBRE	EOM CO. Strongs	are we zhe	
No Section	Part to Agrae	Ha Est		aruet	Acta	. 1	ាំ ស្រែកស	14840 3	in and the second	
COME DONESOMO	1750 Lts	를 걸었다.	d. 38. 40.	479h. 1 1.	11111616	1 1	133	1	ere Skoteke Skoteke	
4. 消折	951 Lo 301 Lb 31.0 a) 38.0 ax 84.2 c.	9), 157 11218 - 157 11218, 188	÷.	157 En 197 En 11 97 266 et	33.00 2690 13 264 170	1.6 8 a 0 a	0 1 0 E 1 E 17 E	.b f. .b t	lote lope lope lope	

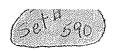
WETER 91 30 0 0al 100.0V LD 0al 128 0al 128 0al 128 0al

ROCKVILLE FUEL & FEED COM	12:30 PANY, INC.	READY MIXED CO	Revs=	CAUSE SKIN CONTACT W EXPOSED SI WATER: IF AN EYE, RINSE IN WITH: WATER ATTENTION	ESHLY MIXED CONCRETE MALIFIER TO SO THE MAN AVOID DIRECT HERE POSSIBLE AND WASHON AREAS PROMPTLY WITH OF MAND REPEATEDLY AND GET PROMPT MEDICAL AND GET PROMPT MEDICAL OF REACH OF CHILDREN
DATE  21   Fall - 11  CUSTOMER'# CUSTOMER NAM		College Park USO Columbia, I	MD Con. tem MD Ar	5.4°	301-762-398 1-877-847-RMI
DELIVERY ADDRESS  AAOA CONFECULLE INSTRUCTIONS  RVL - EANTRECA LAFT ALO (EASTE)	RECHINA CONSTRUCTION  RECADO SILVER SER  RECEDRATE AVE	/ASS 1-495, 11/16/	OT/BLOCK P.O.  THE STREET,  SELECTION	FOR THE TRAVE	CUSTOMER JOB NUMBER  USE  GAD BEAR  SLUMP  ———————————————————————————————————
LOAD TIME 11:169M ARRIVE JOB SITE	START POUR FINISH POUR	WATER ADD	ORDER # WATER ADDED TO THI ADDED IS AT CUSTOM ED ON JOB AT CUSTOM ED TO THIS LOAD BY A	ER'S RISK. MER'S REQUEST	TIME DUE
LOAD QUANTITY QUANTITY.  7 : 1517 7 : 1717	ORDERED PRODUCCODE  14.01 **A057	PHODUCTE		UNIT OF UNIT PRICE	AMOUNT
STONE 17 COM SAND 11	GUÁNKITY VALUES M 50 LB AEA 74 LB SUPER 51 LB WRDA	*1 3.0 oz 38.0 oz	ictual vardagi	ARRIVED DN J SUB TOTA TA TOTA	AL X
WATER %1 38,	0 0a SLAG Ewall Ftg. from	24. 8 02 301 125 approx.)1.5 to 11	2.5 like, 330		DIRECT: IN MAKING THIS

SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) I FHUM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

X
CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.
RECEIVED BY: X

CUSTOMER OR AUTHORIZED SIGNATURE



## ITE HUBERIB. BALTER COMPANY

## Silver Spring Transit Center Project

PROJECT NUMBER:/_	6027-0- MD
DATE: 2-21-11	N Find
WEATHER: Overcast	TEMP: Concrete = 630
POUR LOCATION: NE	wall ftg. from approx. 11.5 to 12.5
line, approx. elevati	on 330' /evel
MIX DESIGN: 4000 = psi	PSI CUBIC YARDS: 14 Cus total placed today
CONVEYANCE METHOD:	Crane & Concrete Bucket
PLACEMENT TIME: START	Г: 12:40 PM FINISH: 1:30 PM
DELAYS:	
ACTIONS:	The state of the s
1	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
The same and the s	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

THATER A. BB. & Gal 100.00



#### 18 Music Fair Road . Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project:	5510	TY Proid	Va : 1/a	n 27_1 - M	Summer: R	lockville F	viol & Food	Co
Client:	Montoo			the the subsection of the second		94583	······································	55
į	Face			<u></u>		nt Ratio:		Sam Printerson
	cation: Pa		Luop L	all from		: X45KI	·,	Chechinda; p <sub>art</sub> e
10-10 to	Al-10.2	and the	A - b	+A-B 22	/ /we Wix Design:	***************************************		
	Placement _					ed: 8:00 A	,	
Slumn:	4 1	nches		The state of the s	Batch Size:		cu yd	s
11	d at site?		gall	ons ElMo		1: 2-22-11	***************************************	Λ
ñ	nade by:	_			Date Deliver			de nome
8 .	emperature:			MM Participal Security Control of the Control of th	Unit Weight:	p.phones.	F X WA	
	: 5.2°					Partly CI	· · · · · · · · · · · · · · · · · · ·	
1	Set No.: 5					ture: 34		
lt -	At		) At	7 days:	•	2 At 28 D	UKATHATA A	rved
R .	Bevolut			-	Warner IP Aug	>	· ·	
	ىغىرى ئىللىغى ئىلىدىكى ئىلىدى ئىلىدىكى ئىلىدىكى ئى	الماطانية والمتاريخ المتاريخ			20 Tar 4 Tar 1 Tar 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Language Marie Mar								*************
MERCHANICA COLANICATA ACCOMINICACIÓN		18-82			11 (A)(4)(4)(4) 20 (10)(4)(4)(4)	ş**++1	dan da bil	
つけで加え、大学、Vi Transko II to co		etal (100) Militariana.			Maria Harriston (M. 1974) Maria Harriston (M. 1974) Maria Harriston (M. 1974)	Viciotia.		
terminates made	101 8.17				OSEAR SAME			
Pini ovi , si i	Design	eio ru (		i anget	m, basi	form spot.	1980年1月1日	
n. FOrdi	735 - L	¢, 7%	E. erd	41.83 E.I		, · · λ · L ·	1991.6	
CON_SAND	:186 tb	9.24	0.8%	14/391 EU	(4250 S)	2781 L5	ही से १०२०	
CEMENT	487 138	M MD		42.20 C.I	1 1000 16		Rower to veri	
OH AG	202.15	Ø. Ø% Designation		2000 Li			Manadal Duna	
ASA 51	6.2 ca 128.0 au	100.64 100.04		. 6 68 1880 oc		54 Ub	Dune	
(sRD)	and what	1000.00		210 0		1/6 1.13	Done	

197 6al | 197 6al | 1081 118 | Octo-

FEE	COMF	addd=/20u PANY, TN	1 P	Y MIXED CONCRETE		WATER, IF ANY CO EYE, RINSE IMMED WITH WATER AND ATTENTION	AREAS PROMPTLY WITH ONCRETE GETS INTO THE JATELYAND REPEATEDLY D. GET PROMPT MEDICAL REACH OF CHILDREN
P.O. Bo RockvII	le, MD 20849	ow, tam	62°	NT LOCATIONS:  Rockville, MD  College Park, MD  Columbia, MD	<u>  Revs =</u> RPM 19	<u>199</u> 9	301-762-398 1-877-847-RMI
DELIVERY ADD	RESS SIFSVILLE	VIEW PORTER SECTION	TRUCTADN CO.	INC S 6	CT NAME LIVERE SPRIMI PO:#		USTOMEN JOB NUMBER
E/Rey	E/NUNDEON. (10 (EAST-W *** DRUM CK#  DRIVER	ESALHUY). L ROTATION CO	/COLEGVILLE UNTER MUST BI	-495 R/16sh STREE 3D CO TOB ON STIGHT MORPING *** ORDE			SEUMP TIME DUE
LOAD TIME	E DOUGH	START POU	R	ADDITIONAL WATER ADD ANY WATER ADDED ON JOB A WATER ADDED ON THIS IL	r CUSTOMER'S RISH LT CUSTOMER'S RE	(. QUEST	OB; 41  EITS STRENGTH.  GAL:
LOAD	CUMULATIVE - QUANTITY	ORDERED QUANTITY	PRODUCT CODE	PRODUCT DESCRIPTION	N UNIT OF MEASURE	UNIT PRICE	AMOUNT
Account of the second second	177,000	110, (4)	*45K1DEN	4500 PS1 N/ALP/NF	/1DC1		
	CEMULATIVE	QUANTITY V	ALUES MAY 101	REFLECT OCTUAL Y	ARDAG ARRI	VED ON JOS	

X
CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.
RECEIVED BY: X

CUSTOMER OR AUTHORIZED SIGNATURE

### THE MUBERI B. BALTER COMPANY



## Silver Spring Transit Center Project

PROJECT NUMBER:	0027-0- MD
DATE: 2-22-11	
WEATHER: Partly C	loudy TEMP: Concrete = 620
POUR LOCATION: Parap	et (Knee wall) from A-10 to A1-10.2
and from A-7 to A-8	approx. 330 /evel
MIX DESIGN: 4,500	PSI CUBIC YARDS: 10 Gus total placed today
CONVEYANCE METHOD:	Forklift & Concrete Bucket
	T: 9:55AM FINISH: 11:00 AM
DELAYS:	
ACTIONS:	
DAI TEP VEDICE	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road . Owings Wills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>SST</u> Proj. No.: <u>16027-0-MD</u>	Supplier: R.F.F.
Client: Monthomery County	Ticket No.: 947/7 Truck No.: 59
Contractor: FACOURUA	Water-Cement Ratio: 0.27
Sample Location: wall with column 330	Mix Number: 8K/DCZNL
level from approx. CI=11 to approx. 11.6 line	Mix Design: BOXOP4x
Method of Placement <u>Jump TRuck</u>	Time Batched: 8:45am.
Slump: <u>6³/4"</u> inches	Batch Size: 10 cu yds
Water added at site? ☐ Yes,gallons ☒No	Date Molded: 2.24./1 Time: 9:5/AM
Specimen made by: BRIAN F / TOM W	Date Delivered to Lab:
Concrete Temperature: <u>b3</u> ° °F	Unit Weight:PCF X N/A
Air Content: 4-5/, N/A	Weather: CLOUDY
Specimen Set No.: 592	Air Temperature: 360 °F
Test Req'd:AtDays;l At 7 days;	At 14 Days; 2 At 28 Days; / Reserved
Remarks: 2=560AVS Revs = 163	
<i>J</i> · :	
CONTRACTOR OF THE PROPERTY OF	The first transcription of the property and the property of th

ROCKVILLE FUEL AND FEED

PLANT #1 & #2

24Febil 0:48AM Flop Gate: . WET Batch: 2 of 2

Volume: 10: 00 yd3 Mix ID: 8K1DC2NL Truck #:... 59 CLIFFORD JETER

Mix Desc: 8000 PS1 #8 ST AIR/IDCI

Ticket # 94717

FACCHINA CONSTRUCTION CO., INC.

Material		Des	ign	Moist		Targ	et	Actu	a l	Fre	e H2O	Status
CON_SAND		1/202026		7.8%	Ø. Ø%	5388		5340				
STONE8		1850		0.5%	21. 27	9296		9320	Lb	388 46		Done Done
CEMENT		550	Lb	121 , 121%		2750	Lb	276W	Lb	121	L.b	Dane
SLAG		360	L.b	Ø. 0%		1800	Lb	1.850	Lb	(2)	Lb	Üver
AEA	*1	7.2	0.2	130.0%		1.8	0.2	18	0.2	1	Lb	Done
WRDA		41.0	$O(\Sigma)$	ZI ZI%		205	o z	205	02	121	Lb	Done
BUPER		54.6	0.2	100.0%		273	0.2	272	0.8	18	Lb	Done
DCI		128.0	0.2	100.0%		640	O.E	672	02	44	Lb	Done
MATER	美真	32.0	Gal	100.0%		86	Gal	91	Gal	758	L_lo	Over

Ice/Batch 0 Lb Water allowed by mix design:. 320 Total Water 298 Moisture compensation water:. 119 Water allowed at jobsite: 22 Gal

Rockville	1707 2 20 3, MD 20849	-1707	$10^{-1}$	Rockville, MD College Park, MD	: 0 p = 63 Tenp = 639		301-762 1-877-847 (TICKET #
CUSTOMER #	CUSTOMER NAME		Reus= 163	Columbia; MD  PROJECT # PROJECT # STI VE	<u>4; Z: 4:57</u> AME		9.7
				MAP LOTIBLOCK	PO:#		STOMER JOB NU
1.76(4.40)	e teachers	San Hillery Co.	/Calle SVILLE	445, RAIGIN STREET, RD TO JOB SWERIGHT.			USE LAGELL SLUMP
PLANT TRUCK	# IDRIVER		JATER MUST B	E HURKING ****  ORDER#			TIME DUE
LOAD TIME	B1457M	START PO	UR	ADDITIONAL WATER ADDED 1 ANY WATER ADDED IS AT CU		WILL REDUCE	ITS STRENGTH
ARRIVE JOB SI		FINISH PO	UR .	WATER ADDED TO THIS LOAD	USTOMER'S REQU		GAL.
LOAD QUANTITY	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	AMOUN
2,72	10.27	60.00	BKIDGENL	8000 PSI #8 ST AIR/I	uc   Lv		
SICTES 7	A A A	100 TTTV		T REFLECT ACTUAL YARD			
TON SAL	<u> </u>			7.2 oz		UB TOTAL	
CEMENT	1850 550	Lb WAT		L. (1. 0.2) 4. E. 177		TAX TOTAL	

### 

(2+# 592)

## Silver Spring Transit Center Project

PROJECT ALL MARSH	The state of the s
PROJECT NUMBER: 16	022-Q- MD
DATE: 2-24-11	
WEATHER: CLOUDY	
POUR LOCATION: Wall	(with column) 330' level from approx.
C1 10 11.6   Ine	- Amplication of American Inc.
MIX DESIGN: 8000	PSI CUBIC YARDS: 60 gas total placed to
CONVEYANCE METHOD:_	Dump TRUCK
	: 10:01 AM FINISH: 12:15pm
DELAYS:	- 1 HAISH. (0.15)III
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
/	FOUNDATION BEARING
	REINFORCING STEEL
· ·	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE
	·



#### 18 Music Fair Road Owings Mills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>SST</u> Proj. No.: <u>/b027-0-M0</u>	Supplier: R.F.F.
Client: Monthamery Caury	Ticket No.: 94725 Truck No.: 53
Contractor: FACCUENA	Water-Cement Ratio: <u>0.27</u>
Sample Location: Wall (with column 330'	Mix Number: <u>8KIDC2NL</u>
level trom approxi c1-11 to approx 11.61	inelylix Design: <u>8200 p4x</u>
Method of Placement Pump 1Ruch	Time Batched: 9:49 AM
Slump: $6.5^{\circ}$ inches	Batch Size:cu yds
Water added at site? ☐ Yes,gallons ⊠No	Date Molded: 2-24-1) Time: 10:30AM
Specimen made by: BRIAN F / TOM W	Date Delivered to Lab:
Concrete Temperature: <u>Ø3</u> ° F	Unit Weight:PCF 发 N/A
Air Content: <u>4⋅7 */·</u> □ N/A	Weather: <u>CLAUN</u>
Specimen Set No.: 593	Air Temperature: <u>39°</u> °F
Test Req'd: At Days;	At 14 Days; At 28 Days; Reserved
Remarks: 2=56DAYS, Revs=150	

flop Gate:.. WET ROCKVILLE FUEL AND FEED 24Feb11 9:49AM PLANT #1 8 #2 Batch: 2 of 2 Volume:10.00 yd3 Mix ID: 8KIDC2NL Truck #:... 53 KINGSLEY A1000 Mix Desc: 8000 PSI #8 ST AIR/1DCI Ticket # 94725 FACCHINA CONSTRUCTION CO., INC. W/(C+P) Ratio: 0.27 ' SILVER SPRING TRANSIT CENTER-750 AND REPORT OF THE PROPERTY OF Material Design Moist Target Actual Free H2O Status The second second control of the second cont CON\_SAND 1000 Lb 6.3% 0.0% 5336 Lb 5320 Lb 336 Lb Done STONES 1850 Lb 0.5% 0.0% 9296 Lb 9280 Lb 46 Lb Done CEMENT 550 Lb 0.0% SLAG 360 Lb 0.0% AEA \*1 7.2 oz 100.0% WRDA 41.0 oz 0.0% 2750 Lb 2770 Lb 0 Lb Done 1800 Lb 1810 Lb 0 Lb Done 18 0z 19 0z 1 Lb Done 205 0z 204 0z 0 Lb Done 273 0z 272 0z 18 Lb Done 18 oz 19 oz 1 Lb Done 205 oz 204 oz 0 Lb Done 273 oz 272 oz 18 Lb Done 640 oz 672 oz 44 Lb Done 92 Gal 98 Gal 816 Lb Over 41.0 oz 0.0% 54.6 02 100.0% SUPER 128.0 02 100.0% DCI WATER \*1 32.0 Gal 100.0%

Ice/Batch 0 Lb Water allowed by mix design:. 320 Total Water 300 Moisture compensation water: 105 Water allowed at jobsite: 20 Gal

4TH TRUCK BOODPLE ROCKVILLE CONTACT WHERE POSSIBLE AND WAS EXPOSED SKIN AREAS PROMPTLY WITH KEV6=150 FUEL & WATER, IF ANY CONCRETE GETS INTO THE EYE, RINSE IMMEDIATELY AND REPEATEDLY WITH WATER AND GET PROMPT MEDICAL OUR FERW: 39° FEED COMPANY, INC. READY MIXED CONGRETE CONTINO : 63. KEEP OUT OF REACH OF CHILDREN P.O. Box 1707 " 2.24-11 PLANT LOCATIONS: Swim = 6.51 301-762-3988 Rockville, MD 20849-1707 Rockville, MD ALR = 4.0/1 1-877-847-RMIX TAKEUP) 10.30AM College Park, MD b(XLMADE Columbia, MD 9476 THE SERVICE THE SECTION OF THE SECTI FACCHINA CONSTRUCTION CO. LOT/BLOCK CUSTOMER JOB NUMBER DECIVERY ADDRESS BANA COLESVILLE GOAD, SILVER SPR RVL - E/NORBECK, RYGEDRBIA AVE., PASS 1-495, R/16th STREKT LANT ALC LEAST-WEST HMYA. LACOLESVILLE RO TO JOB ON RIGHT. SLUMP DROW POTATION COUNTER MUST BE MURCING TRUCK # DRIVER TIME DUE ORDER# PLANT 100:3KINGSLEY ALDED START POUR ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH LOAD TIME 9:49AM ANY WATER ADDED IS AT CUSTOMER'S RISK. WATER ADDED ON JOB AT CUSTOMER'S REQUEST ARRIVE JOB SITE FINISH POUR WATER ADDED TO THIS LOAD BY AUTHORITY OF X UNIT PRICE LOAD CUMULATIVE QUANTITY ORDERED PRODUCT UNIT OF AMOUNT PRODUCT DESCRIPTION QUANTITY CODE REASURE (\* ¥ Sa. 90 Alexandra ( 10.8040, 90 QUANTITY VALUES MAY NOT REFLECT ACTUAL YARDS A RIVED ON JOB NOTE: CUMULATIVE SUB TOTAL 1000 Lb CON SAND REA: \*1 7.2 oz TAX STONEU 1650 60 WKDH 41.0 oz TOTAL CEMENT 550 Lb SUDER 54:6 02 WATER DCI 128.0 oz 32,0 Ga SGU LD HEREBY, AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS EDIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

CUSTOMER OF AUTHORIZED SIGNATURE

C1-11

FRUCK, THESE TRUCKS, FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION

WALL (With column) 330' / Evel from approx.

RECEIVED BY: X

### " LE RUDEH I B. BALTER COMPANY

27 F 593

## Silver Spring Transit Center Project

CONCRETE PLAC	EMENT CHECKLIST / POUR CARD
PROJECT NUMBER: 16	,027-0- MD
DATE: 2-24-11	
WEATHER: CLOUDY	TEMP: Concrete = 630
POUR LOCATION: Wall	(with column) 330' level from
approx. CI-11 to ap	rox. 11.6 line
MIX DESIGN: 8000	PSI CUBIC YARDS: 60 CH state total placed today
CONVEYANCE METHOD:	PUMP TRUCK
PLACEMENT TIME: START	: 10:0/am FINISH: 12:15pm
DELAYS:	
ACTIONS:	
Fine H. V. Herd Day Nam.	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
V	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
AND SQUARE TO SECURE THE SECURE AND SECURE A	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road Owings Wills, Maryland 21117

#### COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>SST</u> Proj. No.: 16027.0. MD	Supplier: R.F.F.
Client: MONTGOMERY COUNTY	Ticket No.: 94732 Truck No.: 40
Confractor: FACCHENIA	Water-Cement Ratio: 10 -3/
Sample Location: Wall 330' level on "E" line	Mix Number: 8IDCZNC
trom approx. 10.1 to 12.3 line	Mix Design: 620PSK
Method of Placement Purp TRWIX	Time Batched: 10:37AM
Slump: 811 Inches	Batch Size: 10 cu yds
Water added at site? ☐ Yes,gallons ⊠No	Date Molded: 2-24-// Time: //:36 Am
Specimen made by: BRIAN F / Tom W	Date Delivered to Lab:
Concrete Temperature: 610 °F	Unit Weight: PCF N/A
Air Content: 5.5 /. N/A	Weather: CLOUDY
Specimen Set No.: 594	Air Temperature: 410 °F
Test Req'd:AtDays; At 7 days;	
Remarks: 2= 56 DAYS, Reus = 265	_At 14 Days; At 28 Days; Reserved
J. L. L. W.	
THE RESIDENCE OF THE PROPERTY	
	TALIBUTING SPACETAN TO COMPANY AND

ROCKVILLE FUEL AND FEED 户LONT 事士 8 排户

10:37AM

Flop Sate: .. WET Batch: 1 of 1

Volume: 10.00 yd3 Mix 1D: \*81DC2NL Truck #:... 40 MIKE GLIDDEN

Mix Desc: 6000 BBG W/AIR/HRWR/1DC

Ticket # 94732

24Febil

HAZZMANN Winder

FACCHINA CONSTRUCTION CO., INC.

nacenter		Des	1.00	Moist		Targ	e t	Actu	aa L	Fre	e HEO	Status
CON_SAND STONE		1174 1750	Lb	6.3% 0.8%	0. 6% 8. 6%	12529 17641	L.b	12800 17660	L.b	789		Over Done
DEMENT SLAG REA	s # [	451 301 3.4	L_10	0. 7% 0. 2% 100. 7%		4510 3010 17		4530 3020 18		Ø	Lb Lb	Done Done
SUPER IRDA ICI		36.0 24.0 128.0		100.0% 0.0% 100.0%		380 247	0 Z	382 239	02 30	25	L.b	Done Done Done
ATER	* 1	31.0	Gal	100.0%		1280 150	Ga 1	1312 153	oz Gal	85 1274	1 14	Done Done

Ice/Batch Ø Lb Water allowed by mix design: 310 Total Water 278 Moisture compensation water: 125 Water allowed at jobsite: 32 Gal

DATE:	MD 20849-1	- MADE	PLANT LOCATION  Rockville, MD  College Park, MD  Columbia, MD	) Are 35.	らん	301-762 1-877-847
( DELIVERY ADDRES		yng konstruct iónici nd. Silver ser	MAP LOT/BLC	11 U. R. 25 P. (1 W	100000000000000000000000000000000000000	JSTOMER JOBINL
isangs – Evi Salagan salag	vecenuer)	OFORGIA AVE. PASS PHWY, L7COLESVILLE FATION COUNTER MUST	PERMITTED ON A	IISHT Jacobs Carlos Carlos		SEUMP.
PLANT TRUCK A	DRIVER	IDDEN		ORDER#		TIME DUE
EOAD TIME  ARRIVE JOB SIT	E	FINISH POUR	ANY WATER ADDI	ER ADDED TO THIS CON ED IS AT CUSTOMER'S R N JOB AT CUSTOMER'S ) THIS LOAD BY AUTHOR	SK Request	: ITS STRENGT
LOAD QUANTITY		ORDERED PRODUCT CODE	PRODUCT DESC	RIPTION UNIT O		AMOUN
in.um	LO.NO.	58,00 *810C2ML (LC)	6000 SBG W/AII			
TABLE HE			3,4,92		SUB TOTAL	
CON SAN	) - 1174				TAXI	

594 594

# Silver Spring Transit Center Project

U CONCRETE PLAC	EIMENT CHECKLIST / POUR CARD
PROJECT NUMBER:/	6022-0- MD
DATE: 2-24-11	1 V I Inc
WEATHER: CLOUD	TEMP: Concrete = 61°
POUR LOCATION: WA	W 330 /evel on "E" line from
approx 10.1 to 12.3	line
MIX DESIGN: 6000 CONVEYANCE METHOD:	PSI CUBIC YARDS: 50 Gus total placed today  PUMP TRUCK
PLACEMENT TIME: START	: 11:40am FINISH: 1:17pm
ACTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
V	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
V	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE

Project:



#### 18 Music Fair Road . Owings Mills, Maryland 21117

Supplier: R.F.F.

# COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Proj. No.: 16027-0-MD

A 4				No.	_ 1 1 1 7	والرازيان الزاموران والمراهد والمستوان ومواهد ومناه ومناه والمناهد والمناعد والمناهد والمناهد والمناهد والمناهد والمناهد والمناهد والمناهد		
Client: Movife	emery Courty	Ticket No.: 94743 Truck No.: 81						
Contractor: Faccina	A MARIE MARI	EU-Service and a service a		Water-Cement Ratio: 3/				
Sample Location:	Vall 330 1	Mix Number:	8/VGZN	A The second of the second sec				
trom approx. 10	1.1 to 12.		00000					
Method of Placement	Pumo	The state of the s		d: /1:45AM				
Slump: 7"	inches	Other Section (Colombia) (September 1900) Institute (1900) (September 1905) (September 1905)		10				
Water added at site?	X Yes, 20	🤈 gall	ons No			me: /:/5 <sub>m</sub>		
Specimen made by:				Date Delivere	ed to Lab:	and measurement and the best second		
Concrete Temperature	700	°F	Service		PCF			
Air Content: 4.77	/. TN//			CLOUDY				
Specimen Set No.:	1791	•			ure: 49°			
Test Reg'd: At	Dave.	) A(	7 stavo					
Remarks: 2:56	MUC D.	, Mt	. r days,	At 14 Days;	At 28 Day	s; <u>I</u> Reserved		
	DVV , DVV	5 - 1 /	Ο					
***************************************		***************************************						
A STATE OF THE STA	and a manager and responsible residence	óstra constitución de la constit	nexessociem and market server ar	and the second s		A THE PARTY OF THE		
TO SERVICE AND ADDRESS AND ADD	· · · · · · · · · · · · · · · · · · ·		: ::::::::::::::::::::::::::::::::::::		The same of the sa	n man gang gang P Sangkar gang Ng Good Salah T Salah Bang Salah Salah Salah Salah Salah Salah Salah Salah Salah		
TO ELEVATA ELEMENTANDO T	nene wo							
TO HAVE A CONTRACT FRANCE	10 KG I.V			26日日初末1 日本日本6個		r Waterson bekil Historia		
From the second								
Tellows (195, 99) year To esh Hill (195)	– Broke 129 – Krivani 179	indistriction Personal		姓氏(Diesell)、例如 行政ないましま		<b>联种网络图711</b>		
				-Arichalana com		Maria de la companya		
Western Retion 0.31				BALLANDO SIBRUS				
Moterial Design	v Marst		Target	Ac Caab	Free MSC	GC conden		
Control 1274 to								
STORE 1750 LE	9.8%	W. WW	17641 1.5	£ 26,400 1. h	TAL UB	ione Marie		
CERUIT S AST LI	u lä Ord		Service in the	S. F. C. W. Sherr, H. C. S.	(b) + 1.	Dane		
State SWI Lb	VI. 69-		3010 1.5	H900 1,5	ži Lb	Dans		
ANA 31 1.6 da	. 上海10、境体。			18 00		Done		
Billett 38.0 or	i Ola, Qiza		380 ez	3 <b>80</b> az	ab Lb	Done		
MRDH 24.6 02	· · · · · · · · · · · · · · · · · · ·		8440 60	338 es	Ø Lb	Done		
001 128.3 oz MATER /1 31.6 As	100.27		1882 62	1018 67	315 L.b	Dune		
WHITE / / 31,6 As	. 注:自己的,必须		199 803	160 Sa;	EDENCE IN	Done		
los Batch 9 Lb U Moisture compensatio	ater alto	eed by	san desta		loter Wafe			

CUSTOMER #   C	CUSTOMER NAMES  FINGS CHANGE CONSTRUCT	PLANT LOCATIONS: Conting 790  Rockville, MD Stump 711  College Park, MD AIR 4171,  Columbia, MD TAKEN 01:15 pt	
PLANT TRUCK #	SVILLE ROAD, FILLER SER LIBECK, RASEORGIA HUR LEAST-HEST HUY), LALDER ORDER FORTER  DRIVER HUS TRUE FORTER  START POUR	PASH 1=493, Winth GIREEL Pille AD IC JEB ON 81843 SET SE HOMETAL #949	SEUMP F. A. TIME DUE
ARRIVE JOB SILE LOAD CUI QUANTITY QU	MULATIVE ORDERED PRODUCTION OF THE PRODUCTION OF THE PROPUR CODE AND PROPUR CODE AND PRODUCTION OF THE PROPUR CODE AND P	PRODUCT DESCRIPTION UNIT OF MEASURE	
A MOTES COMINS	ATTUE GUARTIETY VILLES NO	Y NOT REFLECT ACTUAL YARDS A PLIVED ON A	

# SET # 596

# Silver Spring Transit Center Project

) CONCRETE PLAC	CEMENT CHECKLIST / POUR CARD
PROJECT NUMBER:/	6027-0- MD
DATE: 2-24-11	V Class
WEATHER: CLOUDY	EVIP Condero = 1700
POUR LOCATION: W	all 330' level on "E" line from
approx. 10.1 to 12.	3 line
MIX DESIGN: 6000 CONVEYANCE METHOD:	PSI CUBIC YARDS: 50 Gus = total placed to
	The second secon
DELAYS:	T: 11:40 m FINISH: 2 1:17 pm
ACTIONS:	
MOTIONS:	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE



#### 18 Music Fair Road Owings Mills, Maryland 21117

## COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: SST Proj. No.: 16027.0 MD	Supplier: R.F.F.
Client: Monteomery County	Ticket No.: 94739 Truck No.: 56
Contractor: FACCHIMA	Water-Cement Ratio: , 42
Sample Location: Footing on line "E" from	Mix Number: 4KS 25N
approx. 12.1 to 13.1 /ine, 330' level	Mix Design: 4000pg
Method of Placement <u>pymo</u> Ruck	Time Batched: 11:24AM
Slump: <u>3"</u> inches	Batch Size: 10 cu yds
Water added at site? Yes,gallons No	Date Wolded: 2.24.// Time: /2:02pm
Specimen made by: BRIAN F / TOM W	Date Delivered to Lab:
Concrete Temperature: <u>66°</u> °F	Unit Weight: PCF N/A
Air Content: <u>4.5⅓</u> □ N/A	Weather: CLOUD
Specimen Set No.: 595	Air Temperature: 45° 'F
Test Req'd:AtDays; At 7 days;	***************************************
Remarks: $2 = 56$ DAYS, $R_{\text{eVS}} = 180$	- Seminanticoped P decadigning
ed encretainment and so in the manifest of the second control of t	CONTRACTOR SEASON TO THE PROPERTY OF THE PROPE

ROCKVILLE FUEL AND FEED PLANT #1 & #2

24Febli 11:24AM

Flop Gatess, WET Batch: 1 of 1

Volume: 10.00 yd3 Mix ID: \*4KSE5N Fruck #:... 56 LUIS PEREZ-ORTI

Mix Desc: 4000 PST ST W/AlR/WR

Ticket # 94739

FACCHINA CONSTRUCTION CO., INC.

Material		Des	irm	Moist		Tarq		Actu			e H2O	Status
			1.2		*							Obably's
CON_SAND	ì	1313	L., b	6.0%	Ø. Ø%	13968		13960		838		Done
STONE		1750	cl.J	0.8%	Zt. Ø%	17641	Lb	17600	L.b	141	L.b	Done
CEMENT	\$	353	t. ta	0.0%		3530	L.b	3510	t. b	Ø	L.b	Done
SL.AG		235	L. b	21. 迈龙		2350	1(3)	2360	Lb		L.b	Done
AEA	-X- ]	6.0	() 2X	100.0%		30	O.Z	30	0.2		ib	Done
JRDA		18.0	0.2	0.0%		1.80	0.2	180	0.2	Ø	Lb	Done
VATER	* 1	32.0	Gal	100.0%		172	Gal	175	Gal	1457	L.b	Done

Ice/Batch 0 Lb Water allowed by mix design:. 320 Total Water 293 Moisture compensation water: 118 Water allowed at jobsite: 27 Gal

Roc Fuel Feel	COMP	PANY, I	(Str#) (595)。 NC. RE	ADY MIXED CONCRETE	REVS=180 CONTEMP=61	CAUSE SKIN IRR CONTACT WHERE EXPOSED SKIN // WATER: IF ANY CO EYE, RINSE IMMED WITH WATER AND ATTENTION:	Y MIXED CONCRETE MAY ITATION: AVOID DIRECT POSSIBLE AND WASH, ITERAS PROMPTLY WITH ITERAS PROMPTLY WITH INCRETE GETS INTO J'HE IATELY AND REPEATEDLY IN GET PROMPT MEDICAL REACH OF CHILDREN
	x 1707 2- le, MD 2084		<u> </u>	PLANT LOCATIONS: Rockville, MD College Park, MD Columbia, MD			301-762-3988 1-877-847-RMIX
DELIVERY ADD E464 C	MESS IFFEVILLE F	CHINA CON OAD, SILV R/GEORGIA	AVE, PASS	MAP   LOT/BLOCK	ECTNAME LUER SPRING P.O.#		USE FOOTING
PLANT TRU	DRIVER THE SECOND SECON		JUNTER MUST 1	RD TO JOB ON RIGHT BE WORKING ****  ORD  ADDITIONAL WATER AD	DER# 1 = 0	ETE WILL REDUCE	SEUMP TIME DUE
ARRIVE JOB	SITE //	- PINISH P	OUR	ANY WATER ADDED IS A WATER ADDED ON JOB WATER ADDED TO THIS	AT CUSTOMER'S RE	QUEST	GAL.
LOAD QUANTITY	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT CODE	PRODUCT DESCRIPTI	ON UNIT OF MEASURE	UNIT PRICE	AMOUNT
10.00	MULATINE	30:00 SUANTITY	#4K825N	4000 PSI ST W/AIR			
CON_SE STONE CEMENT WATER SLAG	175 5 35 *1 32.			6.0 oz 8.0 oz		SUB TOTAL TAX TOTAL	

HEREBY AUTHORIZED THE TRUCK (OF TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS II DIRECT. IN MAKING THIS AUTHORIZATION I ASSUME RESPONSIBILITY. FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE TRESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS TRUCK (THESE TRUCKS) FROM ANY LIABILITY RESULTING FROM THIS AUTHORIZATION.

FOR TIME 330 / 100 E

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

CUSTOMER OR AUTHORIZED SIGNATURE

# ITTE HUBERI B. BALTER COMPANY

SE1# 595

# Silver Spring Transit Center Project

	a 1 Call Care
U CONCRETE PLAC	EMENT CHECKLIST / POUR CARD
PROJECT NUMBER: 16	6027-0- MD
DATE: 2-24-11	
WEATHER: CLOUDY	TEMP: Concrete = 45
POUR LOCATION: Foot	ting on line "E" from approx 12.1
13.1 line, 330' level	
MIX DESIGN: 4000	PSI CUBIC YARDS: 30 Cyasse total placed
CONVEYANCE METHOD:	Dumo round
	Apply a special section and the section and the section of the sec
DOLINENT TIME: START	T: 12:30pm FINISH: 1:30 PM
DELAYS:	
ACTIONS:	
•	
BALTER VERIFICATION	CONCRETE AND REINFORCMENT
<u> </u>	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
	DRILLED PIER/SOLDIER PILE
	" " " A Comment of the Light



18 Music Fair Road Owings Mills, Maryland 21117

# COMPRESSIVE STRENGTH TEST SPECIMEN DATA

Project: <u>SST</u> Proj. No.: 16027-0-100	Supplier: R.F.F.
Client: Montamily County	Ticket No.: 94748 Truck No.: 43
Contractor: FACCHYMA	Water-Cement Ratio: .36
Sample Location: Parapet (Knee wall) 350'	Mix Number: 45KID2N
level from A-4 to A-6	Mix Design: 4500061
Method of Placement CRANE   BUCKET	Time Batched: 12:19 pm .
Slump: 4.5" inches	Batch Size: O cu yds
Nater added at site? ☐ Yes,gallons ☒No	Date Molded: 2-24-11 Time: 1:24em
Specimen made by: <u>BRYAN F / YOM W</u>	Date Delivered to Lab:
Concrete Temperature:°F	Unit Weight: PCF 🗵 N/A
Air Content: 4.6 /. N/A	Weather: CLOHOY
Specimen Set No.: 597	Air Temperature: 49° °F
est Req'd:AtDays;   At 7 days;	At 14 Days; Z At 28 Days; / Reserved
Remarks: $2=56DAV_5$ , $R_{PUS}=195$	-
	the state of the s
THE RESIDENCE PROPERTY OF THE	от стано посторога на посторожности портанительностью пред поста и поста в посторожностью поста поста поста по Станова

ROCKVILLE FUEL AND FEED PLANT #1 & #2

24Feb11 12:19PM

Flop Gate:.. WET Batch:. 1 of 1

Volume:10.00 yd3 Mix ID: \*45K1D2N Truck #:... 43 RONY ALVARADO

Mix Desc: 4500 PSI W/AIR/WR/1DCI Ticket # 94748
FORCHING CONSTRUCTION CO.

W/(C+P)	Rat	io: Ø	. 36									CO., INC. CENTER-750
Materia	l	Des	ìgn	Moist		Targ	et	Actu	al	Fre	e H20	Status
CON_SANI	)	1166 1750		5.6% Ø.8%	0.0%	12352 17641		12340 17720	114	692 141		Done Done
CEMENT SLAG AEA DCI WRDA	*1	423 282 6.0 128.0 21.0	Lb oz oz	0.0% 0.0% 100.0% 100.0% 0.0%		4230 2820 30 1280 210	Lb oz oz	1312	Lb oz oz	Ø 2	Lb Lb Lb Lb	Done Done Done Done Done
WATER	*1	33.2	Gal	100.0%		192	Gal	194	Gal	1616	Lb	Done

Ice/Batch Ø Lb Water allowed by mix design:. 332 Total Water 304 Moisture compensation water:. 110 Water allowed at jobsite: 28 Gal

ROCKVILLE FUEL & FEED COMPANY, INC.

READY MIXED CONCRETE CAN HAVE TO

NEVS-195

21/15mp:490

CAUTION: FRESHLY MIXED CONCRETE MAY CAUSE SKIN IRRITATION. AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER. IF ANY CONCRETE GETS INTO THE EYE. RINSE IMMEDIATELY AND REPEATEDLY. WITH WATER AND GET PROMPT MEDICAL ATTENTION.

KEEP OUT OF REACH OF CHILDREN

P.O. Box 1707 2-24-11 **Rockville, MD 20849-1707** 

PLANT LOCATIONS: Rockville: MD College Park, MD Columbia, MD

Stump= 4.511 ALR= 4.6%

301-762-3988 1-877-847-RMIX

GOYL MADE TAKIN @ 1:24pm CUSTOMER # PROJECT # ACCHEMIC CONSTRUCTION OF SILVER SPRING TRANSLE CENTER-736 DELIVERY ADDRESS LOT/BLOCK P.O.# CUSTOMER JOB NUMBER A PROPERTY OF THE POST OF THE INSTRUCTIONS USE E/NORBECK, DRYGEORDIG AVE., POSE 1-495, 8/16Eb STREET ival i

C/RT YUN (CRST-WESTMINNY). L/COLESVILLE AD TO JOB DN ATCH \*\*\*\* JAUR ROIMILON COUNTER MUST BE WORKING SPUMP TRUCK # PLANT

TIME DUE Láső

- William A Variana LOAD TIME START POUR 12:1900 ARRIVE JOB SITE

ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH, ANY WATER ADDED IS AT CUSTOMER'S RISK.

WATER ADDED ON JOB AT CUSTOMER'S REQUEST WATER ADDED TO THIS LOAD BY AUTHORITY OF X

LOAD QUANTITY	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT: CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	AMOUNT
10.00	101.00	20.00	*45K1D5V	4500 PSI W/AIR/WR/IDCI			
MOTEL C	MULGITUE	QUANTITY !	MALUES MAY NE	IT REFLECT ACTUAL YARDS A	RIVEI	ON JOB	4

CON SAMO 1166-15 5.0 oz 1750 Lh STONE DEL 28,0 02 CENENT 428 Lb WRDA Sirvior WATER

38.2 Ga £82 LB

FINISH POUR

TAX TOTAL

HEREBY AUTHORIZED THE TRUCK (OR TRUCKS) DELIVERY MATERIAL TO THIS JOB TO LEAVE THE ROAD AND DRIVE ONTO PRIVATE PROPERTY AS I DIRECT. IN MAKING THIS AUTHORIZATION LASSUME RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT MAY BE DONE TO SAID PRIVATE PROPERTY AND TO ANY OTHER PROPERTY ADJACENT TO SAID PROPERTY THAT MAY BE THESPASSED ON FOLLOWING MY DIRECTIONS. I FURTHER INDEMNIFY ROCKVILLE FUEL & FEED COMPANY, INC. AND THE DRIVER OF THIS

350' levelx tom

CUSTOMER ACKNOWLEDGES AND UNDERSTANDS ALL OF TERMS AND CONDITIONS CONTAINED ON BOTH SIDES OF THIS DOCUMENT.

RECEIVED BY: X

CUSTOMER OR AUTHORIZED SIGNATURE

# " LIVUERI B. BALIER COMPANY

# SETH 597

# Silver Spring Transit Center Project

O CONCRETE PLAC	CEMENT CHECKLIST / POUR CARD
PROJECT NUMBER:/	6022-0- MD
DATE: 2-24-11	177)
WEATHER: CLOW	TEMP: Concrete = 700
POUR LOCATION: Paca	pet (knee Wall) 350' /eve from
4-4 TO A-6	
MIX DESIGN: 4500	PSI CUBIC YARDS: 20 Cus = total placed tour
CONVEYANCE METHOD:	CRANE /BUCKEY
PLACEMENT TIME: STAR	T: 1:30pm FINISH: Z:00pm
DELAYS:	
ACTIONS:	
BALTER VERIFICATION	
· · · · · · · · · · · · · · · · · · ·	CONCRETE AND REINFORCMENT
	FORMWORK/SHORING
	SUB-GRADE FOR SLABS
	FOUNDATION BEARING
	REINFORCING STEEL
	ELEVATED DECK SLAB
And the same of th	DRILLED PIER/SOLDIER PILE

# Silver Spring Transit Center Project

# CONCRETE TESTING INFORMATION

Specimen set #	Date	Truck #	Ticket#	Slump	Air %	Concrete Temp.	AiR Temp
45(	11-12-10	59_	89725	7.5"	6.0%	690	330
416()	11-12-10	29	89730	711	5.0%	610	340
41.1	11-12-10	29	89730	7.5"	5.5%	610	340
418( )	11-12-10	76	89739	7.5"	5.1%	60°	360
419( )	11-12-10	77	89748	8"	4.4%	65"	390
	11-12-10	58	89755	8"	4.9%	620	410
	11-12-10	51	89765	8"	4.2%	610	420
422( )	11-12-10	59	89771	17/11	4-37-	660	430
	11-12-10	77	8978Z	811	4.4%	63°	440
	1)-12-10	69	89743	8"	4.6-1.	63°	490
	11-12-10	69	89793	8"	5.0%	640	490
426( )	11-17-10	67	90122		4.6%	630	580
427(	11-18-10	42	90165	* 273/4"	NIA	620	410
428(	11-18-10	411	90188	* 29"	NIA	640	50°
429 (	11-19-10	75	90234	8"	5.1%	60°	45°
430( )	11-19-10	40	90246	811	4.1%	66°	400
431( )	11-24-10	60	90572	711	5.0%	620	420
432 (	12-7-10	67	91088	811	6.37.	54°	260
433 (	12.7-10	67	91088	8"	5.1%	56"	25*
Y34( )	12-7-10	76	91091	gn g	68%	54=	25°
<b>५३५ (</b> )	12-7-10	410	91096	171/4"	5.0%	60°	25°
436()	12-7-10	60	91102	7/4"	4.0%	60°	25°

\* Scump FLOW YEST (ASYM C-1611)

# Silver Spring Transit Center Project

# CONCRETE TESTING INFORMATION

specimen set the	Date	Truck#	Ticket #	Slump	Air %	Concrete Temp.	AiR Temp.
437(	12-7-10	59	91111	8"	5.5%	600	25°
438 ( )	12-7-10	77	91120	811	5.7%	63"	240
439()	12-7-10	83	91125	8"	5.9%	620	240
440 ( )	12-7-10	58	91130	811	5.1%	620	25°
441(	12-7-10	59	91136	8"	4.9%	610	260
442	12.7-10	670	9/141	8"	4.5%	62°	26°
443(	12-7-10	77	91147	7.5"	4.41.	62°	260
	12-7-10	69	91152	7.5%	5.1%	65°	Zb°
445	12-7-10	69	91152	811	4.6%	63°	25°
***************************************	12-7-10	47	91160	B"	5.37.	b3°	260
447( )	12.7-10	80	91162	811	5.1%	620	26"
448 ( )	12-7-10	67	91171	811	4.5%	670	280
449()	12-7-10	74	91176	BII	4.2%	690	290
450()	12-7-10	BZ	9/182	8"	6.0%	65°	280
451 ( )	12-7-10	26	91188	B"	4.0%	630	28°
452/	12-7-10	37	91194	8"	4.3%	130	280
·453 ( )	12-7-10	32	91206	7.5"	5.5%	67"	280
454()	12-7-10	75	91215	73/411	4.5%	620	290
455 (	12-7-10	26	91225	734"	4.9%	.640	290
456	12-7-10	51	91232	7.5"	4.4.1.	<b>\$</b> 5°	290
457()	12-7-10	<i>35</i>	91244	8"	4.9%	61"	28*
458( )	12-7-10	37	?	711	4.7%	63	271*
459 (	12-7-10	37	?	711	4.2%	64°	26"

\* Scump Flowtest (ASM C-1611)

# Silver Spring Transit Center Project

# CONCRETE TESTING INFORMATION

Specimen set #	Date	Truck #	Ticket #	Slump	Air %	Concrete Temp.	AiR Temp
460(- )	12-10-10	27	91399	311	6.2%	60°	240
461(	12-10-10	30	91403	8"	5.1%	600	240
462 <u>(</u> )	12-10-10	83	91423	<i>g</i> "	4.5%	600	270
463( )	12-10-10	26	91444	7.5"	4.6%	600	270
464	12-9-10	43	91309	7.5"	6.17.	M 65°	280
465	12-9-10	410	91340	411	6.4.7.	670	3Z°
466 ( )	12-16-10	3600216	65349618	8" <sup>i</sup>	6-5%	60°	20'
H67 ( )	12-17-10	3600046	65349644	8"	4.9%	65°	30°
468 (, )	12-20-10-	. 67	91818	6.5"	5.1%	55°	190
469 ( )	12-20-10	67	91818	7.5"	5.3%	570	190
470	12-20-10	74	91821	7-5"	6.2%	55°	-190
H71 \	12-20-10	79	91826	7.5"	6-5%	58°	18°
472 (	12-20-10	84	91832	7.5"	4.1%	55°	190
473 ( )	12-20-10	77	91837	7"	6.2%	55°	200
474 (	12-20-10	77	91837	811	5.7%	<i>58</i> °	190
475 6	12-20-10	83	91843	811	5.5%	55°	210
476	12-20-10	79	91849	711	5-6%	610	210
477	12-20-10	32	91855	7.5"	5.9%	61°	210
478	12-20-10	37	91862	811	6.9%	610	220
479 ( )	1220-10	56	91881	.6"	4.0%	620	220
480 (	12-20-10	79	91883	711	5.7%	io°	2Z°
481	1220-10	79	91883	7.5"	5.9%	610	22°
482 ( )	12-20-10	43	91889	7.511	5·5%	61"	230

# Silver Spring Transit Center Project

# CONCRETE TESTING INFORMATION

specimen set #	Date	Truck #	Ticket #	Slump	Air %	Concrete Temp.	AiR Temp
483 (	12-20-10	84	91904	711	6.5%	60°	240
484(	) 12-20-10	34	91907	8"	6.0%	620	Z3°
485(	) 12-20-10	65	91916	811	5.7%	65°	250
486(	12-21-10	410	91974	* 261/2"	NIA	bZ°	310
487 (	12-21-10	206	65349710	8"	6-27	62°	36°
488 ( )	12-22-10	130	6534936	8"	7.0%	570	280
439 (	) 12-22-10	205	65349758	7.5"	6.0%	<i>63</i> °	<i>30</i> °
490(	) 12-23-10	67	92111	5.0	5.1%	58°	320
491	12-28-10	81	479530		5.0%	55°	396
492	12-29-10	32	92216	7.0"	5.6%	65.0	370
493	12-30-10						-
494	12-30-10						Priji-
495	12-30-10						
496	12-30-10			The state of the s			
497	12-30-10			CO A BANK SPECIAL DE LA COMPANIA DE SENSE DE SENSE VINCE DE SENSE VINCE DE SENSE VINCE DE SENSE DE SENSE DE SE	and the specific of the specif		
498	12-30-10			and the second term of the second			-
499	12-30-10			THE REST OF THE PROPERTY OF TH			
500	12-30-10						
501	12-30-10						
502()	12-30-10					haya giriyi dayidayida iliba biri da b	·····
503	12-30-10						
504()	12-30-10						
505	12-30-10				<u></u>		

\* Slump FLOW TEST (ASTMA C-1611)

# Silver Spring Transit Center Project

# CONCRETE TESTING INFORMATION

Specimen set the	Date	Truck#	Ticket #	Slump	Air %	Concrete Temp.	Ai
506()	1-3-1L	40	92406	*30"	N/A	60°	31
507(	1-3-11	76	92439	8"	5.4%	60°	38
508()	1-4-11	79	92489	* 23"	N/A	65°	31
509( )	1-4-11	82	92504	7.511	6-2%	640	40
510(	1-5-11	81	92532	5"	5.0%	65°	36
511()	1-5-11	74	92544	6"	4.9%	650	37
512()	1-7-11	67	92665	6"	5.0%	610	32
513()	1-12-11	77	92825	5"	4.5%	66°	320
514(	1-12-11	81	92832	84	6.5%	610	320
515(, )	1-14-11	67	92950	フ"	4.5%	610	181
516()	1-14-11	67	92950	8"	H.3%	620	180
517()	1-14-11	77	92953	1711	5.4./.	600	180
518 (	1-14-11	81	92958	8"	6.21/1	590	18°
519 (	1-14-11	83	92963	8"	5.4%	590	180
520()	1-14-11	409.	92968	8"	6.0%	540	190
52]	1-14-11	77	92973	811	6.3.1.	570	20'
512 (, )	1-14-11	81	92978	84	5.6%	56°	23
523 ( )	1-14-11	81	92978	8"	5:4%	57	24.
524()	1-14-11	59	92983	711	5.7%	550	24
525 ( )	1-14-11	58	92990	8"	6.5%	590	24:
526( )	1-14-11	<i>0</i> 5	92995	8"	5.3%	540	24:
527()	1-14-11	76	93009	8"	4.5%	550 -	25

\* Slump Flow 1EST (ASTM. C-1611)

# Silver Spring Transit Center Project

# CONCRETE TESTING INFORMATION

Specimen Set #	Date	Truck#	Ticket #	Slump	Air %	Concrete Temp.	AiR Temp.
528 (z )	1-14-11	62	93019	811	5.4%	56	275
<u> 529 ()</u>	1-14-11	32	93034	1711	5.2%	560	310
530()	[-14-1]	53	93043	63/4"	6.2%	50°	32
531()	134-11	61	73053	1711	4.8%	63"	32"
532()	1-14-11	61	43093	8"	5.1%	62°	370
533 ( )	1-19-11	78	93167	5"	5.4%	620	400
534 ( )	1-31-11	62	93509	24	6.2%	530	300
535	1-31-11	67	93509	8"	6.0%	540	300
536	1-31-11	77	93512	2/2"	6.1%	530	300
537	1-31-11	69	93517	8"	4.5%	530	300
538 ( )	1-31-11	83	93522	8"	5.1%	53 C	30°
539 ( )	1-31-11	409	93527		5.1%	556	300
540	1-31-11	7.5	93532	8"	5,9%	52°	30°
541	1-31-11	32	93538	2/2"	5.4%	56°	300
542	1-31-11	82	93538	$\mathcal{B}^{u}$	5.0%	58°	300
543 ( )	1-31-11	79	93543	7"	5.2%	540	300
544 ( )	1-31-11	57	93555	2/4"	7.0%	55°	30°
545	1-31-11	68	93561	8"	5.9%	59°	300
546 ( )	1-31-11	80	93574	8"	5.6%	50°	30°
547	1-31-11	66	93584	8"	6.8%	60°	300
548 ( )	1-31-11	57	93600	8	5.0%	600	30°
549 ( )	1-31-11	52	93600	D''	6.7%	60°	300
550 ( )	1-31-11	68	93606	8"	5.2%	610	300

\* Stump Klow 1698 (ASTM C-1611)

# Silver Spring Transit Center Project

# CONCRETE TESTING INFORMATION

Specimen Set #	Date	Truck #	Ticket #	Slump	Air %	Concrete Temp.	AiR Temp.
551·(	2-2-11	65	93628	4/2"	4.7%	580	380
552	2-7-11	74	93817	4/2"	4,9%	680	450
553(	2-8-11	67	93856	7/11	5.5%	68°	370
554(	2-8-11	67	938 56	71/4"	5.0%	700	370
<i>γ</i> • \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2-8-11	77	93860	711	5.5%	670	370
556	2-8-11	58	938 65	7"	5.0%	65°	370
/ 4 (	2-8-11	62	93870	8''	5.1%	58°	350
	2-8-11	79	93876	711	5-2%	58°	360
7"> X [	2-8-11	68	9388Z	411	6.5%	61°	30°
560(	2-8-11	69	93889	8"	4.5%	63°	300
7 1	2-8-11	69	93889	7.5"	4.34.	65°	-30°
562()	2-8-11	81	93895	8"	6.2%	640	30°
563().	2-8-11	40	93902	711	6.9%	590	<i>30</i> °
5646	2-8-11	35	93908	711	4.9%	610	30°
	2-8-11	61	93913	7.5"	4.9%	65°	30°
	2-8-11	61	93913	7-0"	4-87.	68°	30°
/ \ \	2-10-11	27	94027	41/2"	4.9%	590	250
	2-11-11	40	94095	8"	6.1%	58°	.320
×	2-15-11	67	479774	4/2	6.990	62°	36°
/ \ \ (	2-15-11	63	94248	6/2"	6.5%	620	40°
571 ( ) 3	2-15-11	77	94257	5"	4.8%	720	400
572 ( ) (2	2-12-11	59	94366	4"	4.5%	780	640

# Silver Spring Transit Center Project

# CONCRETE TESTING INFORMATION

Specimen Set #	Date	Truck #	Ticket #	Slump	Air %	Concrete Temp.	AiR Temp.
573(	2-18-11	65	94393	7/2"	4.9%		50°
574()	2-18-11	65	94393	8"	4.4%	720	570
575	2-18-11	25	94397	7/2"	4.8%	700	570
576()	2-18-11	94	94402	B"	5,3%	680	580
577 ( )	2-18-11	82	94407	1711	5.8%	710	58'
578()	2-18-11	62	94412	8"	4.3%	680	580
579()	2-18-11	77	94417	$\mathcal{D}^{\mathcal{H}}$	4.8%	650	580
580 ( )	2-18-11	84	94422	8"	4.9%	640	590
581( )	2-18-11	84	94422	8"	4.6%	65°	590
582()	2-18-11	58	94427	7"	4.6%	68°	590
583()	2-18-11	28	94433	7/2"	4.7%	65°	600
1 7 8 1	2-18-11	69	94439	7/4"	4.8%	68°	60°
585 (, )	2-18-11	34	94450	7/2	5.8%	68°	600
\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2-18-11	40	94459	8"	4.8%	65°	600
582( ),	2-18-11	58	94464	8"	4.9 %	680	60°
	2-18-11	411	94476	7/2"	4.8%	65°	610
	2-18-11	411	94476	7"	4.5%	66°	610
	2-21-11	59	94555	4"	5.4%	630	450
591 ( ) 2	1-22-11	65	94583	4"	5.2%	620	340
				,		777/hb p 44	***************************************
	**************************************					A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
						1	***************************************

410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

Geotechnical Engineers

# CONCRETE SLAB TEMPERATURE REPORT

Project:	Silver Spring Transit	Contract No.	16027-0
~ 10,000.	Shret Spring Transit	Contract No.	16027-0

Date: 12-8-10 Placement ID:\_\_\_\_\_

			racement ID:
Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
7:28 pm	POUR ZB 350'LOVEL (DECK) 151 LUNGER	0 840	SUNNY/WENDY 250
1.31pm	POVE 2B 350' LEVEL MELLI EMILY COLLARS	V 89°	SUNNY/ WENDY 25°
7:42AM	UNGER 2B 350' LEVEL FORM WORK TEMP	740	
7:51AM	UNDER STEPS W/ HI/LOW	6401440	SUNNY WENDY 25°
2: Apm	POUR ZB 350' LEVEL/DEAN ISTIMAT	VIII Q10	SUNNY / WENDY 320
23 13pm	powe 26 350' LEVEL DECK 211 LICATO	ov 1140	THINK I MENON 350
12:14 pm	UNDER ZB 350 LEVEL FORMULAK	770	LUNNY/WENDY 32°
2:24pm	UNDER STEPS W/ HI/LOW	64°/42°	
3.050m	PANE 28 350 LEVEL (DECK) LE LOCAYON	83°	SUNNY   WENOY 32°
3-08pm	DUR 2B 350 LEVEL (DECK) Z LONATION	116°	SUNNY WENCY 33°
: 15pm U	moed 28 350'level Krimubry tema	760	SUNNY / WENDY 33°
:22pm	under steps with HI/LOW	649/420	SHAWY / WENDY 33°
			JANNY / WINDY 33
	The second section of the second section is a second section of the second section of the second section of the second section of the second section s	Professional degree - respective alaba established and the second and the second and the second and the second	
		The lates are signed and defining the behavior with the respect of the respect of the section is a paper a company of the	
		The second secon	
	And the second s		
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
	The second state of the se		
		Annual Publish Change of the Company of the State C	
	The state of the s	The state of the s	
	CONTRACTOR PROJECT A SPECIAL PROPERTY AND A SERVICE AND A SERVICE OF THE SPECIAL PROPERTY OF THE SERVICE OF THE SPECIAL PROPERTY OF THE SERVICE OF THE SERVI		
	and the second of the second o	V SA Assessment Samuel Sa and A A substitute on particular to require the recognition of the resident of the recognition of the	
	A shape of the companied in the grave of the companies of	estados per estados estados estados estados estados estados estados estados estados en entre estados entre esta	
	and an experience of the state		
	And the contribution of th		
		Manager of the State of the Sta	

**Geotechnical Engineers** 

### 410-363-1555

18 Music Fair Road, Owings Mills, MD 21117

Project:	Silver Spring Transit	Co:	ntract No. <u>16027-0</u>
Date:	12.9.10	Pla	cement ID: Deck Pour for 28 level
Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
7:01 pm	DECK pour 28 350 Level # Locarson	940	CLEAR 24°
7:03pm	DECK DOUR 28 350'LEVEL# 2 LOCATION	1060	CLEAR 24°
7: 11pm	vincer 28 350 Level Framina temp	74°	CLEAR 24°
7:19Am	UNDER STEPS	64°/40°	CLEAR 24°
MASSIT	SHED	88°/ 70°	CLEAR 24°
4:02 <sup>Pr</sup>	Curing Shed	040/740	Clear 340
4:03	under steps Field Curr Underside of deck por	80 % 500	Clear 340
4:10,	Underside of deck por	770	clear 340
A PM	for 2B level 350		
4:12	Curing box for field	520	clear 340
	Cured For deck pour 2B		
	* Note: The (2)	afternoon tem	es, for surface of deck
POUL	for 2B level 350	were unable	to be taken due to thermometers
bein	g broken by const	cuction traffic	<u> </u>

**Geotechnical Engineers** 

### 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

Project: Silver Spring Transit	Contract No. <u>16027-0</u>
Date: 12-10-10	Placement ID:

Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
7:03 AM	DECH POUR 2B 350' 1st wearon	No thermometer	CLEAR, 19°
7:06am	DEUX pare 28 350' ZNO WCATEIN	940) 760	CLEAR, 19°
7:11 Am	UNDER 28 350' FORMWORK TEMP	76°	Clear, 19°
7:19 AM	UNDER STEPS (FRELD CURE MRED)	78° /46°	CLEAR, 19°
7:08 AM	Curtava Boys on Deek 3501	56° / 42°	CLEAR, 19°
7-20 MM	Ourang shed	88° / 82°	CHEAR, 19°
4:00 PM	Deck now 28 level 350 1st la	c, 93°/74°	Clear 35°
4:02 PM	Deck pour 2B level 350,1st la Deck pour 2B level 350,200 loc Underside 2B level 350 formwork Curing box on deck 350 Fo	906/720	CICAL CO
4:08Pm	Underside 2B level 350 formwort	750	~ ~
4:05 M	Curing box on deck 350 Fo	55°43°	" "
4:10	Curing Shed	75%720	" "
	7		
	والمناف والمناف والمنافعة	a philipping and the control of the	The state of the s
	A	MM (18 - 18 - 18 - 18 - 18 - 18 - 18 - 18	
		A TOTAL AND A STATE OF	
	entransperior de alter 1860, et qualitario de la companio del companio del companio de la companio del la companio de  la companio de la comp	e di di di di dinana alambana a a a a a a a a di Andrewicki a a a a a a di Andrewicki a di di di di di di di d	
	and the special version of the special of the special state of the speci		

Geotechnical Engineers

### 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

## CONCRETE SLAB TEMPERATURE REPORT

Project: Silver Spring Transit

Contract No. <u>16027-0</u>

Date: 12-13-10

Placement ID: pour 2B level 350'

Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
7:05AM	POUR 28 350 LAVEL 12 LOCATION	68'/48°	CLOUDY/WENDY
	DOWN 2B 350' LEVEL 2NO LOLAGON	96°/62°	CLOUDY / WENDY
7:10Am	Curwa box on 350' Level	54°/42°	CHUY OY /WENDY
7:14am	UNDER 28 350' VENEL (FAR MUCHIS TEMP	) 70°	CLOUDY /WELDY
7:21Am	CURKING SHED	84° / 80°	Groupy / wandy
7: 29AM	paul IEB 330'LEVEL I <sup>st</sup> LODARS	ON 76°/62°	CLOUDY / WILNOY
7:31AM	POUR 1EB 330'LEVEL ZU LOCAST	IN 78%66°	Cro not / mel/dx
, (	DOWN SB 320, PEACE 17, PO CAUSON	56°/46°	SUNNY /WKNDY
	DOUR ZB 350' LEVEL ZHE LOCATEON	760/600	SUNNY/WENDY
	CURANG BOX 350'LEVEL	52°/ <b>3'8</b> °	SUNNY/WENOY
	UNDER 218 350 LEVEL (FORMWORK PEMP)	46°	BUNNY/WENDY
3:38pm	CURENG SHED	82°/62°	SUNNY/WENDY
3: 32pm	pour 148 330'ueva 155 Louarean	76°/56°	SUNNY LWENDY
	DUR 1EB 390'LEVEL ZNE LOBATION	70°/56°	SUNNY/WSNOY
		ati Candad polici piece si sulla communia con constituita da processi de la constitución de la constitución de	

**Geotechnical Engineers** 

#### 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

#### CONCRETE SLAB TEMPERATURE REPORT

Project:	Silver Spring Transit	Contract No.	16027-0
----------	-----------------------	--------------	---------

Date: 12-14-10 Placement ID:\_\_\_\_\_

Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
7:0 ZAM	pour 28 350'LEVEL 1 <sup>ST</sup> LOCATION	54°/44°	SUNNY/WYNDY 22°
	pour 218 350' Level 210 Locarson	740/610	SUNNY IWANDY 22°
7:10 AM	CURING 800 ON 350' LEVEL	400/240	SUNNY/WXNDY ZZ°
7:15AM	LINDER 28 350'LEVEL (FORMWORK TEMP)	38°	SUNNY/WKNDY ZZ°
123 DAM	CURGNA SHED	740/720	SUNNY /WYNDY 22°
7:31AN	UNDER HEPS (FRELD CURE)	78°/58°	SUNNY/WINDY 22°
:21m	pove IEB 330'LEVEL 156 LOCALEDN	76°/54°	SUNNY/WAVOY ZZO
	POUR 188 330' LEVEL 200 DOCAKTON	71°/54°	SUNNY/WENDY ZZ°
:39AM	LANCIER 1158 330° LEVEL (FORMUDAN 11577	e) 64°	SUNNY/WENDY 22°
	pour 28 350' level 15 location	N/A	SUMNY /WENDY 29°
	2011 28 350'LEVEL 2010 LOCATION	NA	SUNNY LUGARY 29°
	Cheine Bix an 320, tener	N/A	SUNNY/WAVOY 29°
	Wicer 28 350' Level (Formwork temp)	N/A 84°/70°	SUNNY/WENDY 29°
	CVASAUGA SHEO	84°/70°	SUNNY/WAVOY 29°
	INDER STEPS (FLELD CURE)	670	SWNY/WENDY 290
1.	the 188 330 Level 1st LOCACKOW	N/A	BUNNY/WKNOY 29°
	our JEB 330 LEWEL ZU LOUAKTON	NA	SUNMY/WENDY 29°
\lambda	ANDER SEB 330' LEVEL (FORMWARK TEMP)	N/A	SUNNY / WINDY 29°
*************************		ر بن بر در باز در	

\* Heat turned off under deck, stopped monitoring temps.

**Geotechnical Engineers** 

#### 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

#### CONCRETE SLAB TEMPERATURE REPORT

Project:	Silver Spring Transit
----------	-----------------------

Contract No. 16027-0

Date: 12-21-10

Placement ID: Deck pour ID level 330'

Time	Location in placement	Concrete Temperature	Weather/Ambient	Temperature
7:03pm	DECK POUR 10 330'LISMA 151 LOLARSON GO	on 100 88°/80°	CLEAR, WELVOY	28°
7105 AM	book pove 10 330' live 200 coverson (		11	N
	CURING COX 330'LEVEL	Mote plastic) <b>96°/75°</b> 60°/45° 83°	11	11
	Uwan 10 330'Lever (Krywankanp)	83°	}1	Ŋ
	CVASUG SHED	108°/ <b>63</b> °	"u	13
3:30 pm	DECH PUR 10 330 LEVEL 15 WARROW FOR	DU 10P 940/ 540	GUNNY /WANDY	36°
3!32 pm	DECK POUR ID 330 LEVEL 2" LILAKUM (VID		/1	)ı
	Cuasing Box 390' level	640/600	h	ij
3139pm	UNDER 11) 330'LEVEL (FORMWORK YEMP)	840	lı .	31
. 1	CURENG SHID	80° / 76°	14. A securitar esta a construir como como a supera con secunda a su subsensabilidades por selección como construir	
				gar tara <b>kita dina mandaka di kita kata kata kata kita kata kata kat</b>
	- Williams and Production and a construction of the state	7 07 (100m) And And And Andrew Company of the Compa		ngay hinging a triba of a first of a factorise of the a bissa below the total a bis stand due to the de-
	**************************************			THE PARTY OF THE P
	100 Mark 100			
			Annual Communication of the Co	aantamatakseesi suurenkassa na dinammississi silminin ka

**Geotechnical Engineers** 

## 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

Project: Silver Spring Transit	Contract No. <u>16027-0</u>
Date: 12-22-10	Placement ID:

Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
7:01 pm	DECK POUR ID 330' 15'LOCATEON	62°/86°	CLOUDY / 30°
7:03 Am	DLCK POWE IN 330' 2ND LOCATION	102/1080	" "
7:06 AM	CVRSNA 80% 330' LEVEL	54%580	~ "
7:11 AM	WOISE 10 330' LEVEL (FORMWORK 15Mp)	90°	11 11
7:15 Am	CURWA SHED	62°/80°	
3:30	DECK DOLF 1D 330' 15' LOCATION	60° 182°°°	SUNNY 36°
3:31	DECK DOLL ID 330' ZHO LOGARDON	98 °/102 °	ti h
3133	CURING BOX 330' LEVEL	60'/5z "	11 X
3: <i>3</i> 7	UNDER 10 330' WUEL (FORMWORK 15mp)	90°	Ц н
<b>३</b> : ५()	CUACULA SHED	80°/68°	N y
ر د و دره	- All charges and the state of		the state of the s
	·		

### 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

Project:	Silver Spring Transit	Contract No.	16027-0		
Date:	12/23/2010	Placement ID	: 1D ,	level =	330 '

			,
Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
07:30 AM	Under deck read near A line	80	Sunny Windy/ 25
07:30 AM	1st location on top of deck	64-82	Sunny Windy/ 25
07:30 AM	2nd location on top of deck	84-94	Sunny Windy/ 25
07:30 AM	Curing shed	62-82	Sunny Windy/25
07:30 AM	Curing box	48-50	Sunny Windy/ 25
03:00 PM	Under deck read near A line	88	Sunny Windy/30
03:00 PM	ls location on top of deck	69-77	Sunny Windy/30
03:00 PM	2nd location on top of deck	76-86	Sunny Windy/30
03:00 PM	Curing shed	68-75	Sunny Windy/30
03:00 PM	Curing box	43-44	Sunny Windy/30
	de la contraction de		<b>*************************************</b>
		AND THE RESERVE OF THE PARTY OF	<b></b>
	THE PROPERTY AND A SECOND PROPERTY AND A SEC		Managan digitation of the control of
	The find the state of a line of the state of		
*******************	BOOK THE PLANT OF THE PROPERTY WAS AND A REAL AND THE PROPERTY OF THE PROPERTY		
1974 1 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	THE THE PROPERTY AND ADMINISTRATION OF THE PROPERTY ADMINISTRATION OF THE PROPERTY AND ADMINISTRATION OF THE PROPERTY ADMINISTRATION OF THE PROPERTY AND ADMINISTRATION OF THE PROPERTY ADMI		
		100	
	The state of the s		
	PRODUCTION OF A TANK A CONTROL OF THE STATE		
	AND THE STATE AND A COMMISSION OF THE PLAN OF THE PROPERTY OF THE STATE OF THE STAT	7.1 Marketine (1.1 Ma	
	1. O. L. (1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	77 ANN 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	1999 ( PROPERTY 1994 ) 2 / 2 / 11 / 11 / 11 / 11 / 12 / 13 / 13		н том менения менения в менения постоя на выправности и на выпосности на прости постоя в на година и и пости
		**************************************	

410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

## CONCRETE SLAB TEMPERATURE REPORT

Project:	Silver Spring Transit	C	ontract No. <u>16027-0</u>
Date:	1-3.2011	PI	acement ID: 1F, level 330
Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
7:04Am	DECK POUR IF 330' HORTH END	1181/ 800	
7108AM		120/ 640	
7:10 AM	CURSING BOX 330' BU FEBLO CHEE CYLLWOOD	15 71°	
7:14 pm	UNDER DECK IF 330' (Gemubak tempi)	63°	-2
	*Note: Aug. 3-day	temps (accord	Ing to weather source) is above
	70-		
**	90° 90° 1. ° C & 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	ACCASE ACCASE AND	
ali da . 79 da . a a a ali. ab		And the best desired and the second s	
	THE STATE OF THE S		The state of the s
		nd ny ny nanananana a sa a sa a sa a sa a	
		Andrew with the first that a said of supply indicated before the form of the said of the s	
	A	ord deel deeled and a surreplicity of a proper parameter annual or annual of all and decellations and	
	A DESCRIPTION OF THE PROPERTY		

\* HE / LOWS OVER HOLEDAY WEEKEND

Geotechnical Engineers

### 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

# CONCRETE SLAB TEMPERATURE REPORT

Project:	Silver Spring Transit	Contract No.	16027-0	)	
Date:	1/17/2011	Placement ID:	2C	leve	350

Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
08:00 AM	Lines 5.5 and C.2	112/48	Overcast/25
08:00 AM	Lines 5.2 and b.2	104/44	Overcast/25
08:00 AM	Lines A.05 and 4.7	*120/40	Overcast/25
	The state will be a second of the second of	The state of the s	
		*Max measurable per	
Name of adults of succession on the company of the		thermometer scale is 120	
	* Note: - High	llow concrete	slab deck temps, for Monday 1.17-11, after
pour Ru weeken	c level 350' were	recorded on	Monday 1-17-11, after
WATER			
	The second secon	A Addition when the state of th	
		The state of the companies of the party of t	
		The state of the s	
alakak aran e i Padikalah aran arang penjerah aran saha	adaktur ya a 1,5 kala dan da ya makada 1988 da marini a 198 a 1984 a a a a 1984 a 1984 a 1984 a 1984 a 1984 a a	A change of the second	
		**************************************	
***************************************	A STATE OF THE PROPERTY OF THE		
	MATERIAL CONTRACTOR CO		
		THE PARTY AND AREA OF 19 11 A TO COMMON PROPERTY AND MARKET AND THE TOTAL PARTY. A	
		And a supplied by the district of the state	
~			
	The office of the second district of the designation of the second district of the second d	A Visit of Manager and the second section of the second section of the Addition of the second section of the Addition of the second section of the Addition of the second section of the section of the second section of the section of the second section of the section	
	And the second s		

### 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

Project:	Silver Spring Transit	Contract No. <u>16027-0</u>
Date:	2-1-11	Placement ID: 2D

Time	Location in placement	Temperature	Weather/Ambiem Temperature
07:30 AM	Top of concrete slab, lines 2.3-A.2	. 44-116	Overeast/rain 30
97:30 AM	Top of concrete stab, lines 1.2-A.4	46-104	Overcast/rain 30
07:30 AM	Top of concrete slab, lines 2.3-A.8	60-102	Overcast/rain 30
MA00:80	Curing shed	70-77	Inside room
 08:00AM	Water curing tank	72-72	Inside tank
98:00AM	Form work under deck, lines 2.3-A.2	87	laside protected area
 08:00 AM	Form work under deck, fines 1.2-A.4	91	Inside protected area
08:00 AM	Form work under deek, lines 2.3-A.8	38	Inside protected area
M4 00:60	Top of concrete stab, lines 2.3-A.2	86-92	Overcast/rain 32
03;00 PM	Top of concrete slab, lines 1.2-A.4	90-90	Overcast/rain 32
03:00 PM	Top of concrete slab, lines 2.3-A.8	82-96	Overcast/rain 32
03:00 PM	Form work under deck, fines 2.3-A.2	76	Inside protected wea
03:00 PM	Form work under deek, lines 1.2-A.4	62	Inside protected area
03:00 PM	Form work under deck, lines 2.3-A.8	57	Inside protected area
		, , , , , ,	
			. , , , , , , , , , , , , , , , , , , ,
		. , ,	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	!		

### 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

Projec	t: Silver Spring Transit	Contract No. <u>16027-0</u>
Date:	2-2-11	Placement ID: 2D

Time	Location in placement	Temperature	Weather/Ambient Temperature
07:30 AM	Top of concrete slab, lines 2.3-A.2	84-88	Overcast/rain 35
07:30 AM	Top of concrete slab, lines 1.2-A.4	78-87	Overcast/rain 35
07:30 AM	Top of concrete slab, lines 2.3-A.8	82-83	Overcast/rain 35
08:00AM	Curing shed	70-72	Inside room
08:00AM	Water curing tank	72-72	Inside tank
09:00 AM	Form work under deck, lines 2.3-A.2	87	Inside protected area
09:00 AM	Form work under deck, lines 1.2-A.4	92	Inside protected area
09:00 AM	Form work under deck, lines 2.3-A.8	83	Inside protected area
04:00 PM	Top of concrete slab, lines 2.3-A.2	86-92	Overcast/rain 40
04:00 PM	Top of concrete slab, lines 1.2-A.4	80-84	Overcast/rain 40
04:00 PM	Top of concrete slab, lines 2.3-A.8	86-91	Overcast/rain 40
04:00 PM	Curing shed	65-75	Inside room
04:00 PM	Water curing tank	72-72	Inside tank
04:00 PM	Form work under deck, lines 2.3-A.2	90	Inside protected area
04:00 PM	Form work under deck, lines 1.2-A.4	88	Inside protected area
04:00 PM	Form work under deck, lines 2.3-A.8	85	Inside protected area

410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

Project	: Silver Spring Transit	Contract No. <u>16027-0</u>	
Date:	2-3-11	Placement ID: 2D 350	level

Time	Location in placement	Temperature	Weather/Ambient Temperature
07:30 AM	Top of concrete slab, lines 2.3-A.2	78-82	Sunny 30
07:30 AM	Top of concrete slab, lines 1.2-A.4	72-79	Sunny 30
07:30 AM	Top of concrete slab, lines 2.3-A.8	76-81	Sunny 30
07:30:00 AM	Curing shed	68-74	Inside room
07:30:00 AM	Water curing tank	72-72	Inside tank
07:30:00 AM	Form work under deck, lines 2.3-A.2	83	Inside protected area
07:30:00 AM	Form work under deck, lines 1.2-A.4	88	Inside protected area
07:30:00 AM	Form work under deck, lines 2.3-A.8	83	Inside protected area
03:00:00 PM	Top of concrete stab, lines 2.3-A.2	84-90	P. Cloudy 30
03:00:00 PM	Top of concrete slab, lines 1.2-A.4	82-89	P. Cloudy 30
03:00:00 PM	Top of concrete slab, lines 2.3-A.8	64-81	P. Cloudy 30
03:00:00 PM	Curing shed	69-79	Inside room
03:00:00 PM	Water curing tank	72-72	Inside tank
03:00:00 PM	Form work under deck, lines 2.3-A.2	60	Inside protected area
3:00:00 PM	Form work under deck, lines I.2-A.4	57	Inside protected area
3:00:00 PM	Form work under deck, lines 2.3-A.8	52	Inside protected area

Geotechnical Engineers

### 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

### CONCRETE SLAB TEMPERATURE REPORT

Project:	Silver Spring Transit	Contract No.	16027-0
----------	-----------------------	--------------	---------

Date: 2/9/2011 Placement ID: 16, level 330

			•
- Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
07:00 AM	NE end of slab	79-92	Sunny 20-33
07:00 AM	SE end of slab	77-106	Sunny 20-33
07:00 AM	West end of slab	71-96	Sunny 20-33
07:00 AM	Under form work	71	Avg. Enclosed = Deck
07:00 AM	Under form work	78	Avg. Enclosed = Girde(S
07:00 AM	Under form work	76	Avg. Enclosed = Bearns
07:00 AM	Curing shed	70-84	Inside
07:00 AM	Curing tank	72.	In tank
03:00 PM	NE end of slab	80-98	Sunny 20-33
03:00 PM	SE end of slab	78-108	Sunny 20-33
03:00 PM	West end of slab	75-99	Sunny 20-33
03:00 PM	Under form work	73	Aug. Enclosed = Deck
03:00 PM	Under form work	80	Avg. Enclosed = Grirders
03:00 PM	Under form work	79	Ava. Enclosed = Beams
03:00 PM	Curing shed	73-78	Inside "
03:00 PM	Curing tank	71	In tank
			Ē.
	T T T T T T T T T T T T T T T T T T T		

**Geotechnical Engineers** 

#### 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

### CONCRETE SLAB TEMPERATURE REPORT

Project:	Silver Spring Transit	Contract No.	16027-0

Date: 2/10/2011 Placement ID: 1G | eVe | 330'

Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
07:00 AM	NE end of slab	60-99	Sunny 20-33
07:00 AM	SE end of slab	72-106	Sunny 20-33
07:00 AM	West end of slab	70-93	Sunny 20-33
07:00 AM	Under form work	83	Enclosed I Deck
07:00 AM	Under form work	89	Enclosed = Girder
07:00 AM	Under form work	89	Enclosed = Beams
07:00 AM	Curing shed	70-77	Inside
07:00 AM	Curing tank	68	In tank
03:00 PM	NE end of slab	62-98	Sunny 20-33
03:00 PM	SE end of slab	70-104	Sunny 20-33
03:00 PM	West end of slab	72-94	Sunny 20-33
03:00 PM	Under form work	81	Enclosed = Deck
03:00 PM	Under form work	102	Enclosed = Girder
03:00 PM	Under form work	87	Enclosed = Beams
03:00 PM	Curing shed	69	Inside
03:00 PM	Curing tank	71	In tank
			**************************************
			**************************************
		-	

**Geotechnical Engineers** 

## 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

Project	: Sliver Spring Transit	Contract No. <u>16027-0</u>
Date:	2/11/2011	Placement ID: 1G, 330' level

Time	Location in placement	Concrete Temperature	Weather/Ambient Temperature
07:00 AM	NE end of slab	76-96	Sunny 20-25
07:00 AM	SE end of slab	96-109	Sunny 20-25
07:00 AM	West end of slab	85-105	Sunny 20-25
07:00 AM	Under form work	83	Enclosed = Beams
07:00 AM	Under form work	78	Enclosed = Deck
07:00 AM	Under form work	86	Enclosed = Girders
07:00 AM	Curing shed	70-80	Inside
07:00 AM	Curing tank	70	In tank
03:00 PM	NE end of slab	72-86	Sunny 30-35
03:00 PM	SE end of slab	77-92.	Sunny 30-35
03:00 PM	West end of slab	82-90	Surny 30-35
03:00 PM	Under form work	56	
03:00 PM	Under form work	49	
03:00 PM	Under form work	59	Enclosed = Deck Enclosed = Gricders
03:00 PM	Curing shed	65-75	Inside
03:00 PM	Curing tank	70	In tank
	The state of the s	Account of the Commission of the Control of the Con	
		A TO PERSONAL MANAGERY P. P. A. L. E.	
		The second section of the second section of the second section of the second section s	

**Geotechnical Engineers** 

### 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

Project: Silver Spring Transit	Contract No. <u>16027-0</u>
Date: <u>2-19-11</u>	Placement ID: 1H, evel 330

			<del></del>
Time	Location in placement	Temperature	Weather/Ambient Temperature
07:30 AM	Top of concrete slab, North	68-112	Sunny/windy/50
07:30 AM	Top of concrete slab, South	65-116	Sunny windy /50
07:30 AM	Top of concrete slab, West	74-120	Sunny windy/50
07:30 AM	Underside deck slab	68	Enclosed
07:30 AM	Underside deck girders	84	Enclosed
07:30 AM	Underside deck beams	75	Enclosed
07:30 AM	Curing tank for comparison cylinders	75	In tank
07:30 AM	Curing shed	71-80	Inside
			,
27.78. d al d al a a a a a la la la d a a la			* Temps checked in AM only
		Marino de la companya de la company	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	THE STATE OF THE S	
	10-10-10-10-10-10-10-10-10-10-10-10-10-1	NATERIA (1971-1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974) (1974)	AND
	TO THE PROPERTY OF THE PROPERTY AND ADMINISTRATIVE PROPERTY OF THE PROPERTY OF		THE RESIDENCE OF THE PROPERTY
	an an industrial transfer and a sea of a factor of the second file of the second and an analysis of the second		
	manuscription of a series of the series of t	*** Fried St. ( * Fried * Fried * Indian control of the St. ( ) Administration groups are supply an expensional physical	AND
	The second secon	TO STORY AND Almost Straight a contract of American Agreement and the American Agreement of the American American	
		Annangement 4 co. 1 co.	
		T V N (A V A V A V A V A V A V A V A V A V A	
	The state of the s	and the state of t	

**Geotechnical Engineers** 

## 410-363-1555 18 Music Fair Road, Owings Mills, MD 21117

Project:	Silver Spring Transit	Contract No. <u>16027-0</u>
Date:	2-21-11	Placement ID: 1H

Date: 2-21-11		Placement ID: IH		
Time	Location in placement	Temperature	Weather/Ambient Temperature	
07:30 AM	Top of concrete slab, North	80-108	Overcast/45	
07:30 AM	Top of concrete slab, South	90-120	Overcast/45	
07:30 AM	Top of concrete slab, West	70-102	Overcast/45	
07:30 AM	Underside deck slab	70	Enclosed	
07:30 AM	Underside deck girders	78	Enclosed	
07:30 AM	Underside deck beams	74	Enclosed	
07:30 AM	Curing tank for comparison cylinders	73	In tank	
07:30 AM	Curing shed	69-77	Inside	
	ATTENDED TO THE RESIDENCE OF THE RESIDEN			
			* Towns dealed in AM sub-	
			* Temps checked in AM only	
	t ti sekinantaringi pangan keta tahun kata an kampung mga nambahad di dada da d	1177		
	a contract of the state of the			
		PRANTICO		
	The state of the s			
	A Company of the Comp	difficult about the property of the party of		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	PROCESS OF A STATE AND STATE AND A BANK AND AND A STATE AND A BASE OF A STATE AND A STATE		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	** ***	**************************************		
	Annual Management of the Control of	A CONTRACTOR OF THE CONTRACTOR		
	and the state of t			
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	T-(1716-16-16-16-16-16-16-16-16-16-16-16-16-1		
	40°41.44.44.44.44.44.44.44.44.44.44.44.44.4	north or administration of the extent of a profession of a state of the extent of the angular design of the extent		
		THE PLANE OF BUT BUT A STORE OF BUT TO A STORE A STORE AND A STORE AND A STORE AS A STOR		



#### Cable Count By Tendon Pour 1F

Initial by each tendon and print name below

Pour 1F Beams		installed By:	Verified By:	Verified By:
Tendon	Stands	R&R	FCC	Balter
BT13	V V7			Dairei .
BT14A	V11			- Next
BT14B	V V11			- Melle
BT15(1)	./ \14			- HELLER
BT15(2)	V14			- Howell
BT15(3)	V. v14	**************************************		- Juley
BT15(4)	14			- I CHARLE
BT16	10			- 1 divers
-	- N			- Well
·			<u></u>	1 V) Well-

Pour 1F	Girders		Installed By:	Verified By:	Marifical Des
Girder	Tendon	Strands	R&R		Verified By:
PG14	GT1	~ <del></del>		FCC	Balter
<del></del>		V >22			Lindolf
	GT2	√ √22			01111
	GT3	√ V 18			
	GT4	√ V1.8			- Well-
PG5	GT1	<b>√</b> √31			- HARAM
	GT2	√ √31	***************************************		- Jaleyi-
	GT3	√ <b>v</b> 31			- Apple
PG10	GT5	√ <b>\</b> 21			- Truly
	GT6	V > 21			- July
	GT7	<b>√ ∨</b> 22		****	The state of the s
			١		The West

Print Name Print Name Print Name



### Pre-Pour Cable Count By Tendon Pour 2C 350' level

Initial by each tendon and print name below

Pour 2C B	eams	Installed By:	Verified By:	Verified By:
Tendon	Stands	R&R	FCC	Balter
BT1	7	MS	<del></del>	1 A A
BT2A	7	m 5	aw aw	
BT2C	2	MS	TW T	
втз	14		N.	<u> </u>
BT4(1)	14	M 5	I KY	<u> </u>
BT4(2)	14	<i>\$11,2</i>	- KVV	<u> </u>
ВТ2В	8	M 5	The state of the s	$-\frac{BP}{A}$
BT7	14	MS		13/
3T4(3)	14	M5	Jaw,	<u> </u>
3T4(4)	14	m5	AV	P£
3T5	12	M 5	Ken,	<i>by</i>
3T6	19	M15	LASY	bj/
3T8		M.5	Den/	BD
<del></del>	17	M 5	$\rho \sim 10^{-1}$	1 BP

Pour 2C			Installed By:	Verified By:	Verified By:
Girder	Tendon	Strands	R&R	FCC	
PG-45	GT1	31		100	Balter
<del></del>	GT2	$\frac{31}{31}$	ms.		BI
	GT3	17	IVI.	I AV	
PG-43	GT1	30	1775	-   ev	12
	GT2	21	177,		
	GT3	21	Jan 5	BV~/_	15P
***************************************	1		MS	AV	15P
	1				
······	<del>                                     </del>	<u> </u>	······································		
***************************************	1				
·····	<u> </u>	L		1	1

MGUEL SUARES ALPHONSE VIOSEN

MS AND Bridy Payer

Print Name Print Name Print Name



		intendon and pi	THE FIGURE DEIOM	
		Installed By:	Verified By:	Verified By:
Tendon	Stands	R&R	FCC	Balter
BT1 (1)	16			AP .
BT1 (2)	16		.,,,	The state of the s
BT1 (3)	16	2. 4.	****	BP
BT1 (4)	16	/		15P
BT2	12			1 AA
BT3	14		****	180

Pour 1G	Girders		Installed By:	Verified By:	Verified By:
Girder	Tendon	Strands	R&R	FCC	Balter
PG-2	GT4	21			BP
	GT5	21			KP
	GT6	21		·*····································	<u>አ</u> ኦ
PG-5	GT1	31			K.P
	GT2	31			BP
	GT3	31		- Îi	Bo
PG-6	GT5	21			130
•	GT6	21		· · · · · · · · · · · · · · · · · · ·	10
	GT7	21			110
	GT8	10			30
	4	0	***************************************		1/1
	1	0			

		Krady	Poyer
Print Name	Print Name	Print Name	1



#### Pre-Pour Cable Count By Tendon Pour 1H

Initial by each tendon and print name below

		Installed By:	Verified By:	Verified By:
Tendon	Stands	R&R	FCC ,	Balter
BT4	14	J · A	AN	17、こ
BT5	15	it A	AN	7.4
BT6	15	J. A	AW	7.6
BT7	15	7.19	AZI	7.6
BT8	17	-11	ASV	7.7
ВТ9	10	TA	AN	7.0,
		***************************************		
	***************************************			
		·····	1	

Pour 1H (	Girders		Installed By:	Verified By:	Verified By:
Girder	Tendon	Strands	R&R	FCC	Balter
PG-1	GT1	22	J.A	AW	7./_;
	GT2	19	+1	AW.	TIL.
	GT3	19	5-1	An	ケスし、
PG-30	GT1	19	I A	MIN	一个、儿,
	GT2	18	TA	MN	ブ.し.
	GT3	7	TA	BW	736
PG-33	GT1	22	IA	180	T.L.
	GT2	19	IA	AW	7.16
	GT3	17	TA	ATV	7
	GT4	19	IA	AW.	下, 之,
	GT5	22	7,A	ASV	7,0,
PG-31	GT1	17	7-A	Aw	7.7
	GT2	17	7=/-)	18W	7.0
PG-32	GT1	12	J-A	to	136
	GT2	12	J-A	AKN	ナ、し、
			/		

Print Name Print Name

Print Name



#### Pre-Pour Gable Count By Tendon Pour 2D

Initial by each tenden and print name below

Pour 2D Beams		Installed By:	Verified By:	Verified By:	
Tendon	Stands	R&R	FCC	Baltes	
B79	√ 6	7,41		1.7.2.	
BT10	v 13	-, -		7.7.	
8]11	./ 15		**************************************	<b></b>	
ΒΥ12	√ 16	-,, .	***************************************		
3T13	/ 15	//		- Jania	
BT 14	√ 13	مد در			
3115	v: 17	***************************************		1 - 1 - ( )	
3716	√ 17	The Part of the state of the second s		7	
3T 17	√ 3	, ويودون مستخدم المنطقية الريادي أو إن المنطقة المنطقة المنطقة المنطقة المنطقة المنطقة المنطقة المنطقة المنطقة	*11174 - 1		
3178	7	To de the commencement of F To 2 at 200 and commencement			
3119	√ 14			farefre J	
	-1	5 ( 3 1) de annocement en en ex e ( e ) e han ma		more of the state	

D (	Birders		Installed By:	Verified By:	Verified By:
H	Tendon	Strands	RSR	ŢĒĞĞ	Baller
	GT1	, 30		Annual of the second of the se	7. 4.9
	GT2	18		<u> </u>	
	GT3	18		***************************************	
	GT1	.< , 18	A to provide the state of the s	1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 ×	
	GT2	·/ 18	Andreas Commission of the Pro-		17.7
	GT3	v-′18	W-144-4	700 000 000 000 000 000 000 000 000 000	7./
1	G1'1	. 17		-, -, -, -, -, -, -, -, -, -, -, -, -, -	
	GT2	17	reconstruction (A) broad-construction accounts (A)		
	GT1	17	**************************************		
1.545	GT2	17	and the second s		Andread and the second
	GT1	7 32			
	GT2		**************************************		
	L			ì	1 7

***		Tony L	ove
Print Name	Print Name	Print Name	